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NAVATRA

Monthly Magazine on Current Events

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Preface

Dear readers, we have started edristi English edition as well since August, 2015. We are hopeful that it will help us to connect to the broader audience and amplify our personal bonding with each other.

While presenting Day-to-day current affairs, we are very cautious on choosing the right topics to make sure only those get the place which are useful for competitive exams perspective, not to increase unnecessary burden on the readers by putting useless materials. Secondly, we have also provided the reference links to ensure its credibility which is our foremost priority. You can always refer the links to validate its authenticity.

We will try to present the current affairs topics as quickly as possible but its authenticity is given higher priority over its turnaround time. Therefore it could happen that we publish the incident one or two days later in the website.

Our plan will be to publish our monthly PDF on very first day of every month with making appropriate modifications of day-to-day events. In general, the events happened till 31th day will be given place in the PDFs. The necessity of this is to ensure the contents factual authenticity.

Reader's satisfaction is our utmost priority so requesting you to provide your valuable feedback to us. We will warmly welcome your appreciation/criticism given to us. It will surely show us the right direction to improve the content quality. Hopefully the current affairs PDF (from 1st September to 30th September) will benefit our beloved readers.

Current affairs data will be useless if it couldn't originate any competitive exam questions. E-Dristi has been very successful in that direction. Almost all the questions from UPPCS and other examinations have been asked from our materials. You can verify that by matching the question papers and e-Dristi contents from yourselves.

National Manish Narwal Wins Gold

Question : Who won gold medal in shooting in Tokyo Paralympics ?

(a) Manish Narwal (b) Singhraj Adhana (c) Sisodia (d)
Abhinav Bindra

Answer : (a)

Related Facts:

- The BA (I) student Narwal shot a total of 218.2, a Paralympic record, to claim the gold medal.
- This is India's third gold at the ongoing Paralympics.
- **More Information:**
- Adhana, who had won the bronze in the P1 men's 10m air pistol SH1 .
- He added a silver to his kitty with an effort of 216.7.
- However Russian Olympic Committee's Sergey Malyshev took home the bronze with an effort of 196.8.



Reference: <https://www.thehindu.com/sport/other-sports/tokyo-paralympics-shooter-manish-narwal-clinches-indias-3rd-gold-adana-bags-silver/article36285075.ece>

Yogesh Kathuniya won silver at Paralympics 2020

Question: In which sports event Yogesh Kathuniya has won silver at Tokyo Paralympics 2020?

(a) Discus Throw (b) Javelin Throw (c) Table Tennis (d) Long Jump

Answer: (a)

Related facts:

- Yogesh Kathuniya has clinched silver medal in the men's Discus Throw F56 final event at the Tokyo Paralympics 2020.
- Yogesh secured second position with a throw of 44.38m.
- Batista dos Santos from Brazil won gold, setting a Paralympic record with a throw of 45.59m. L. Diaz Aldana from Cuba claimed bronzemedal.



Links:

<https://timesofindia.indiatimes.com/sports/tokyo-paralympics/tokyo-paralympics-yogesh-kathuniya-wins-silver-in-mens-discus-throw/articleshow/85756103.cms>

Sumit Antil won gold at Paralympics 2020

Question: In which sports event Sumit Antil has won gold at Tokyo Paralympics 2020?

(a) Discus Throw (b) Javelin Throw (c) Table Tennis (d) Long Jump

Answer: (b)

Related facts:

- On 30 August 2021, India's Sumit Antil has won the gold medal in the men's javelin throw F64 final event at the Tokyo Paralympics.
- He set a new world record throw of 68.55m.
- In the event Michal Burian of Australia won the silver medal while Sri Lanka's Dulan Kodithuwakku bagged bronze medal.
- The 23-year-old Sumit Antil belongs from Sonipat, Haryana.



Links:

<https://www.hindustantimes.com/sports/olympics/tokyo-paralympics-india-s-sumit-antil-wins-gold-in-javelin-throw-f64-event-sets-new-world-record-101630317366340.html>

Prime Minister Narendra Modi addressed the 76th Session of the UN General Assembly in New York City

Question: Which of the following Indian Politician addressed the 76th Session of the UN General Assembly in New York City?

(a) Narendra Modi (b) Amit Shah
(c) S. Jaishankar (d) Rajnath Singh

Answer: (a)

Related Facts:

- Prime Minister of India Narendra Modi has addressed the 76th session of the United Nations General Assembly (UNGA), in New York.
- The theme of the 2021 UN General Assembly session was 'building resilience through hope – to recover from Covid-19, rebuild sustainably, respond to the needs of the planet, respect the rights of people, and revitalise the United Nations.
- **Extra Facts:**
- On 7 June 2021, Maldivian politician and diplomat, and current Minister of Foreign Affairs, Abdulla Shahid was elected to the position of President of the General Assembly.



- The five permanent members of the United Nations Security Council are USA, UK, RUSSIA, FRANCE & CHINA.
- The headquarter of the UNGA is in New York, USA.

Reference: <https://www.financialexpress.com/defence/pm-modi-vs-imran-khan-india-and-pakistani-pms-unga-address-a-study-in-contrast/2338649/>

Cyclone Gulab causes devastation in Odisha and Andhra Pradesh

Question: The India Meteorological Department (IMD) has issued a red alert for Odisha and Andhra Pradesh after the 'Cyclone Gulab' made landfall over Northwest and adjoining West-central Bay of Bengal. Cyclone Gulab was named by Which of the following country?

(a) India (b) Pakistan (c) Bangladesh (d) Nepal

Answer: (b)

Related Facts:

- The India Meteorological Department (IMD) has issued a red alert for Odisha and Andhra Pradesh after the 'Cyclone Gulab' made landfall over Northwest and adjoining West-central Bay of Bengal.
- Cyclone Gulab was named by Pakistan.
- The wind speed expected between 90 kmph and 100 kmph.
- The India Meteorological Department is an agency of the Ministry of Earth Sciences of the Government of India.
- It is the principal agency responsible for meteorological observations, weather forecasting and seismology.
- It was founded in 1875.



Reference: <https://www.livemint.com/news/india/after-gulab-another-cyclone-shaheen-may-form-over-arabian-sea-predicts-imd-11632805316341.html>

Supreme Court introduced FASTER system

Question: Which of the following court has approved an electronic system named FASTER?

(a) Allahabad high court (b) Supreme Court of India (c) Bombay high court
(d) None of these

Answer: (b)

Related Facts:



- Supreme Court of India has approved an electronic system named FASTER (Fast and Secured Transmission of Electronic Records).
- The FASTER (Fast and Secured Transmission of Electronic Records) system proposes transmission of e-authenticated copies of interim orders, stay orders, bail orders and record of proceedings to the duty-holders for compliance and due execution, through a secured electronic communication channel.
- Three-judge bench of Chief Justice N.V. Ramana, Justice Nageswara Rao and Justice Surya Kant has instructed state governments, Union territories, prison departments and other authorities concerned to make arrangements at prisons to accept e-authenticated copies.

Reference: <https://www.thehindu.com/news/national/sc-introduces-fast-and-secured-transmission-of-electronic-records-system/article36639124.ece>

Delhi Government begins 6th sero-survey

Question: Which of the following State Government has approved the 6th round of sero-survey?

- (a) Delhi (b) Uttarakhand (c) Himachal Pradesh
(d) Tamil Nadu

Answer: (a)

Related Facts:



- The Delhi government approved the sixth round of sero-survey.
- Delhi government directed all the districts and identified labs to take necessary action for making the surveillance successful.
- As per a statement released by the Delhi health ministry, 28,000 samples from 272 wards will be collected in the sixth sero-survey.
- The survey, conducted in collaboration with three NGOs- ATE Chandra Foundation, United Way Bengaluru and IDFC Foundation.
- According to the Indian Council of Medical Research (ICMR), sero-surveys help to understand the proportion of the population exposed to SARS-CoV-2 infection including asymptomatic individuals.
- Delhi's fifth sero-survey was conducted in January 2021 and suggested that 56.13 per cent of the city's population had developed Covid-19 antibodies.

Reference: <https://www.google.com/amp/s/indianexpress.com/article/cities/delhi/sixth-sero-survey-28k-samples-will-be-analysed-says-satyendar-jain-7534708/lite/>

Training & Capacity Building Program For Women In Dairy Farming

Question : National Commission for Women has recently (September 2021) launched a nationwide training and capacity building program for women in dairy farming. Accordingly, which of the following statement(s) is/are correct ?

Statements —

1. The first program under the project was organized at LUVAS, Hisar
2. LUVAS stands for — Lala Lajpat Rai University of Veterinary & Animal Sciences
3. It was organized in association with HSRLM
4. HSRLM stands for — Haryana State Rural Leverage Mission

Options —

- a. Only 1. & 2. b. Only 2. & 3.
c. Only 1.,2. & 3. d. All of the above

Ans. c.

Related facts —

National Commission for Women(NCW) has recently (September 2021) launched a nationwide training and capacity building program for women in dairy farming.

Key points —

1. The first program under the project was organized on 'Value Added Dairy products' for women SHG groups.
2. The first program under the project was organized at LUVAS, Hisar
3. LUVAS stands for — Lala Lajpat Rai University of Veterinary & Animal Sciences
4. It was organized in association with HSRLM
5. HSRLM stands for — Haryana State Rural Livelihoods Mission
6. NCW Collaborating with Agricultural Universities Across India to Train Women Associated with Dairy Farming & Allied Activities
7. NCW will provide training to women for enhancing their business and encouraging them towards entrepreneurship.



Link:

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1758526>

Formation Day of National Disaster Management Authority

Question : Which of the following dates indicates the 17th foundation day of the National Disaster Management Authority ?

- a. 27 September 2021 b. 23 September 2021
c. 22 September 2021 d. None of the above

Ans. a.

Related facts —

- September 27, 2021 is the date of the 17th foundation day of the National Disaster Management Authority (NDMA).
- The theme of this year's Formation Day is Cascading effects of disaster events in the Himalayan region.
- It is notable that NDMA is headed by the Prime Minister.
- It is the apex body for Disaster Management in India.
- Setting up of the NDMA and the creation of an enabling environment for institutional mechanisms at the State and District levels is mandated by the Disaster Management Act, 2005.
- NDMA is mandated to lay down policies, plans and guidelines for Disaster Management. India envisions the development of an ethos of Prevention, Mitigation, Preparedness and Response.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1758547>

The first Himalayan Film Festival

Question – Where will the first Himalayan Film Festival be held from 24 to 28 September 2021?

- (a) Dharamsala (b) Dehradun (c) Srinagar (d) Leh-Ladakh

Answer – (d)

Related facts—

- The first Himalayan Film Festival will be held from 24 to 28 September 2021.
- Its venue is Leh – Ladakh.
- Other key points —**
- A five-day food festival will also be organized at the film festival site itself.



- A package of selected films at the Contemporary National Awards and Indian Panorama will be screened during this time.
- The screening will take place at Indus Culture Auditorium Leh.
- A film based on the life of Param Vir Chakra winner Captain Vikram Batra – ‘Sher Shah’ will be screened in the inaugural season of the festival.
- Apart from screening of popular films, competitions, non-competitive sessions, master classes and interaction sessions will be organized in this festival.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756949>

Record Foodgrain production in Kharif Season

Question – On September 21, 2021, the first advance estimates of production of major Kharif crops for the year 2021-22 were released by the Ministry of Agriculture and Farmers Welfare. According to this, how many million tonnes of food grains are estimated to be produced during the year 2021-22?

- (a) 140 million tonnes (b) 150.50 million tonnes
(c) 148.50 million tonnes (d) 165.60 million tonnes

Answer—(b)

Related facts—



- On September 21, 2021, the first advance estimates of production of major Kharif crops for the year 2021-22 were released by the Ministry of Agriculture and Farmers Welfare.
- Accordingly, Record Foodgrain production of 150.50 million tonnes estimated in Kharif Season.
- Key points —
- The estimated production of major kharif crops for 2021-22 is as under :—

Foodgrains – 150.50 million tonnes. (record)

Rice – 107.04 million tonnes.(record)

Nutri / Coarse Cereals – 34.00 million tonnes.

Maize – 21.24 million tonnes.

Pulses – 9.45 million tonnes.

Tur – 4.43 million tonnes.

Oilseeds – 23.39 million tonnes.

Groundnut – 8.25million tonnes.
Soyabean – 12.72 million tonnes.
Cotton – 36.22 million bales (of 170 kg each) (record)
Jute & Mesta –9.61 million bales (of 180 kg each)
Sugarcane – 419.25 million tonnes (record)

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756743>

Single window system launched, to improve ease of doing business

Question: Which of the following Union Minister has launched Single Window System for Investors?

(a) Piyush Goyal (b) Amit Shah (c) Mukhtar Abbas Naqvi (d) Dharmendra Pradhan

Answer: (a)

Related Facts:

- Commerce minister Piyush Goyal launches single window system for investors.
- In this investors will get access to all solutions at one click of the mouse through end-to-end facilitation.
- National Window System would bring transparency, accountability and responsiveness in the ecosystem and all information will be available on a single dashboard.
- It will help domestic and global investors in getting regulatory approvals through the online portal, which currently hosts 18 central departments and nine states.
- It will provide strength to schemes such as 'Make in India', 'Startup India', and Production-linked Incentive (PLI) scheme.



Reference: https://www.business-standard.com/article/economy-policy/goyal-launches-national-single-window-system-for-investors-businesses-121092200899_1.html

Prime Minister Modi to roll out National Digital Health Mission

Question: Who will announce nationwide rollout of Pradhan Mantri Digital Health Mission on 27 September 2021?

(a) Narendra Modi (b) Amit Shah (c) Venkaiah Naidu (d) Ram Nath Kovind

Answer: (a)

Related Facts:



- PM Modi will announce the nationwide rollout of the Pradhan Mantri Digital Health Mission.
- Under this mission, a unique digital health ID will be provided to the people.
- This ID will contain all the health records of the person.
- The health ID card is created with details like Aadhar and mobile number for generating a unique ID for each individual.
- The project is currently in its pilot phase in the Union territories of Andaman and Nicobar Islands, Chandigarh, Dadra and Nagar Haveli, Daman and Diu, Ladakh, Lakshadweep, and Puducherry.
- The primary aim of this mission is to enhance the efficiency of the healthcare system in India.

Reference: <https://www.indiatoday.in/india/story/pm-modi-rollout-pradhan-mantri-digital-health-mission-1856168-2021-09-23>

Ladakh to host The Himalayan Film Festival

Question: Which of the following State/Union Territory is hosting the first edition of The Himalayan Film Festival?

(a) Ladakh (b) Jammu and Kashmir (c) Himachal Pradesh (d) Uttarakhand

Answer: (a)

Related Facts:



- The first edition of 'The Himalayan Film Festival-2021' (THFF) will begin from 24 to 28 September at Leh, Ladakh.
- Anurag Singh Thakur, Minister of Information and Broadcasting Sports & Youth Affairs, will inaugurate the festival as the chief guest.
- The film festival is being organised by the Administration of Union Territory of Ladakh in collaboration with the Directorate of Film Festivals, Ministry of Information & Broadcasting, Government of India.
- The film festival will have active participation from the local filmmakers and showcase talent from across the 12 Himalayan states and UTs.
- **Extra Facts:**
 - The Lieutenant Governor of Ladakh is Radha Krishna Mathur.
 - Jammu and Kashmir bifurcated into two union territories – one called Jammu & Kashmir and the other Ladakh. This bifurcation was formally effected on the midnight of 31 October 2019.

Reference: <https://timesofindia.indiatimes.com/travel/travel-news/ladakh-to-roll-out-first-edition-of-the-himalayan-film-festival-on-september-25/as86473994.cms>

Shoonya Campaign: NITI Aayog

Question: NITI Aayog in collaboration with which Institute/institutes has launched a campaign named Shoonya, to promote zero-pollution delivery vehicles?

- (a) Rocky Mountain Institute USA (b) Rocky Mountain Institute India (c) Both (d) None of these

Answer: (c)

Related Facts:

- Niti Aayog in collaboration with USA based Rocky Mountain Institute (RMI) and RMI India, has launched a campaign named Shoonya.
- It will promote zero-pollution delivery vehicles by working with consumers and industry.
- The campaign will also promote the adoption of electric vehicles (EVs) in the urban deliveries segment and create consumer awareness about the health, environmental and economic benefits of electric vehicles.
- **Note-**
- NITI Aayog was formed on 1 January 2015.



Reference: <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1755119>

India now has 10 International Blue Flag beaches

Question: How many Indian beaches have been awarded the Blue Flag Certification?

- (a) 8 (b) 10 (c) 9 (d) None of these

Answer: (b)

Related Facts:

- India now has 10 International Blue Flag beaches with the addition of Kovalam in Tamil Nadu & Eden in Puducherry beaches this year.
- Blue Flag certification is a globally recognised eco-label accorded on the basis of 33 stringent criteria in four major heads.



- They are environmental education and information, bathing water quality, environmental management, and conservation and safety and services in the beaches.
- Blue Flag beaches are considered the cleanest beaches of the world.
- The Blue Flag Certification Programme for beaches and marinas is run by the international, non-governmental & non-profit organisation called “Foundation for Environmental Education (FEE)”.
- The beaches where the International Blue Flags were hoisted are:

- 1) Kappad beach (Kerala)
- 2) Shivrajpur beach(Gujarat)
- 3) Ghoghla beach (Diu)
- 4) Kasarkod beach (Karnataka)
- 5) Padubidri beach(Karnataka)
- 6) Rushikonda beach (Andhra Pradesh)
- 7) Golden beach (Odisha)
- 8) Radhanagar beach (Andaman & Nicobar Islands)
- 9) Kovalam beach (Tamil Nadu)
- 10) Eden beach (Puducherry)

Reference: <https://www.livemint.com/news/india/two-more-indian-beaches-get-coveted-blue-flag-certification-11632234408798.html>

Teesta-V Power Station, Sikkim

Question : NHPC’s 510 MW Teesta-V Power Station has recently(September 2021) been conferred with ‘Blue Planet Prize’. Accordingly, which of the following statement is correct ?

Statements —

1. This power station is located in Sikkim.
2. Prize is conferred by IHA(International Hydropower Association)
3. The award has been given to Teesta-V Power Station on the basis of sustainability assessment.

Options —

- a. Only 1.
- b. Only 2.
- c. Only 3.
- d. All of the above

Ans. d.

Related facts —



NHPC’s 510 MW Teesta-V Power Station has recently(September 2021) been

conferred with 'Blue Planet Prize'.

Key points —

1. This power station is located in Sikkim.
2. Prize is conferred by IHA(International Hydropower Association)
3. The award has been given to Teesta-V Power Station on the basis of sustainability assessment.
4. The award for Teesta-V Power Station was announced during the World Hydropower Congress, 2021.
5. IHA is a London based non-profit membership association operating in 120 countries.

Link:

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1757522>

Inaugration of hub of export promotion at Jammu

Question : On which date Union Minister Dr Jitendra Singh inaugurated a hub of export promotion “Jammu Haat” at Jammu ?

- a. 22nd September 2021 b. 21st September 2021 c. 20th September 2021
d. 19th September 2021

Ans. a.

Related facts —

- Union Minister Dr Jitendra Singh inaugurated a hub of export promotion “Jammu Haat” at Jammu on September 22, 2021.
- It is notable that ‘Jammu Haat’ has been inaugurated on the occasion of ‘Vanijya Saptah’, a platform for entrepreneurs, buyers, sellers and exporters.
- Addressing the participants during the inauguration, Dr. Jitendra Singh said that more than 50 thousand crore investment is expected in J&K for its overall development.



Link:

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1757094>

Patents (Amendment) Rules, 2021 Notified

Question : “Patents (Amendment) Rules, 2021” has recently(September 2021) been notified. Accordingly, how much reduction has been made in patent fees for educational institutions ?

a. 80 Percent b. 70 Percent c. 60 Percent d. 50 Percent

Ans. a.

Related facts —



- “Patents (Amendment) Rules, 2021” has recently(September 2021) been notified.

▪ **Key points —**

1. Patent Fees For Educational Institutions Reduced by 80 Percent
2. This amendment has come into force with effect from September 21, 2021.
3. Moreover, Patents Rules have been amended in 2016, 2017, 2019 and 2020 to achieve the objective of removing procedural inconsistencies and unnecessary steps in processing of applications thereby speedup grant/registration and final disposal.
4. By amending the Rules, the procedures are made more compact, time-bound, user-friendly and compatible for e-transactions.
5. **In this regard, following initiatives have been taken by the Department:**
 - i. Augmentation of manpower by recruiting new examiners.
 - ii. Making process of applying and granting patents completely online.
 - iii. Hearing of cases in Patents through Video-Conferencing for speedy and contact-less proceedings.
 - iv. Dynamic redesigning of website and real time based hassle free dissemination of IP information to stakeholders.
 - v. Encouraging the digital process for applying & granting Patents.
 - vi. Scheme for Facilitating Startups Intellectual Property Protection (SIPP) has been launched to provide facilitators to Startups for filing and processing of their applications. Professional charges of such facilitators are reimbursed as per provisions under the SIPP scheme.
 - vii. The mechanism to lodge feedback/suggestions/complaints in respect of issues related to functioning of the IP offices has been set up in IPO website for the benefit of stakeholders. A team acts promptly on stakeholders' suggestions/grievances and communicate appropriate response through e- mail.
 - viii. DPIIT through Cell for IPR Promotion and Management (CIPAM) and in collaboration with the office of CGPDTM is regularly engaged in dissemination of information and knowledge to IP stakeholders by way of participation in awareness activities in IPR, conducted for

schools, universities, industries, legal and enforcement agencies and other stakeholders in collaboration with industry Associations in the country

Link:

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=1757202>

Rajasthan Compulsory Registration of Marriages Act, 2009

Question : The Rajasthan State Legislative Assembly has recently(September 2021) passed a bill to amend Rajasthan Compulsory Registration of Marriages Act, 2009. Accordingly, Which of the following statement is correct ?

- a. State government accused of legalizing child marriage
- b. State government accused of legalizing conversion
- c. State government accused of making widow marriage illegal
- d. None of the above

Ans. a.

Related facts —

The Rajasthan State Legislative Assembly has recently(September 2021) passed a bill to amend Rajasthan Compulsory Registration of Marriages Act, 2009.

Key points —

1. The state government is being accused of legalizing child marriage.
2. Reason — It provides for mandatory registration of marriages, including child marriages. This dispute is related to the amendment brought in Section 8 of the Compulsory Act 2009, which states that the marriage should also be registered within 30 days, in which the bride and groom are below 18 and 21 years.
3. On the other hand, the state government has said that apart from technical changes in the old law, there is nothing new in the new bill.
4. State Law Minister Shanti Dhariwal said, “It is the Supreme Court’s decision that whether marriage is of minor or major, its registration is necessary”.
5. It is notable that in 2006, the Supreme Court ordered registration of all marriages, including underage marriages, saying it would make it easier to take action against child marriages as they enter the public record as they would become documentary evidence.
6. According to the National Family Health Survey (NFHS) data from 2015-2016, the number of child marriages has declined in Rajasthan. The state enacted the Child Marriage Prohibition Act in 2006.



Link:

<https://www.livelaw.in/know-the-law/compulsory-registration-of-child-marriages-182018>

Nutri-Cereal Multi Stakeholders' Mega Convention 3.0

Question – Where was the “Nutri-Cereal Multi Stakeholders Mega Convention 3.0” held from 17 to 18 September 2021 ?

(a) Bhubaneswar (b) Ranchi (c) Hyderabad (d) Lucknow

Answer—(c)

Related facts—

- The “Nutri-Cereal Multi Stakeholders Mega Convention 3.0” was held from 17 to 18 September 2021.
- Venue — Hyderabad.
- It was organized by the Indian Millets Research Institute, Hyderabad under the joint aegis of Food and Agriculture Organization, Union Ministry of Agriculture and Farmers Welfare.
- It was inaugurated by Union Minister of Agriculture and Farmers Welfare Narendra Singh Tomar.



- Its theme is — ‘Run up For International year of millets 2023’.

Link:

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1755804>

Hurun India Future Unicorn List 2021

Question – Which country is the third largest unicorn ecosystem in the world in the list ‘Hurun India Future Unicorn List 2021’ released by Hurun Research Institute in September 2021?

(a) China (b) Singapore (c) India
(d) United States of America

Answer—(c)

Related facts—

- India is the third largest unicorn ecosystem in the world in the list ‘Hurun India Future Unicorn List 2021’ released by Hurun Research Institute in September 2021.
- According to this list, India (51) has become the third largest unicorn ecosystem country in the world after the United States (396) and China (277).



- The top 5 Indian cities in the Hurun India Future Unicorn List 2021 are Bangalore (31 companies), Mumbai (13 companies), Gurugram (12 companies), New Delhi (5 companies) and Noida (5 companies).
- According to this list, the top 5 sectors are fin tech, e-commerce, SaaS business, shared economy and gaming respectively.
- According to this list, the top 3 investors are Sequoia, Tiger Global Management and Innoven Capital respectively.
- Kunal Shah, Binny Bansal and Ratan Tata are the top 3 entrepreneurs in the list of Entrepreneurs Portfolio of Hurun India Rich List in 2021.
- According to this list, the top 3 youngest start-up founders are Dilsher Singh (25 years), Siddhant Saurabh (25 years) and Aditya Prasad (28 years).

Link:

<https://www.news18.com/news/business/hurun-india-future-unicorn-list-2021-zilingo-pepperfry-lead-the-unicorns-know-more-4165319.html>

Samudra Shakti

Question – The third edition of the bilateral exercise ‘Samudra Shakti’ was held between the navies of which countries from 20 to 22 September 2021?

- (a) India and Japan (b) India and Myanmar
(c) India and Malaysia (d) India and Indonesia

Answer—(d)

related facts —



- The third edition of the bilateral exercise ‘Samudra Shakti’ was held between the navies of India and Indonesia from 20 to 22 September 2021.
- The exercise aims to strengthen the bilateral relationship, enhance mutual understanding and interoperability in maritime operations between both countries navy.
- The exercise will also provide an appropriate platform to share best practices and develop a common understanding of Maritime Security Operations.
- Indian Navy ships ‘Shivalik’ and ‘Kadam’ and Indian Navy’s Anti-Submarine Warfare Capable Long Range Maritime Reconnaissance Aircraft P8I participated in the exercise.
- Indonesia was represented by KRI Bung Tomo, KRI Malahayati and Maritime Patrol and Reconnaissance Aircraft CN-235.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756478>

‘Saath’ initiative

Question – On September 1, 2021, in which state / union territory the rural enterprise accelerated program ‘Saath’ has been started for women of self-help groups?

(a) Jharkhand (b) Chhattisgarh (c) Ladakh (d) Jammu and Kashmir

Answer—(d)

Related facts—

- Jammu and Kashmir Lieutenant Governor Manoj Sinha launched Rural Enterprises Acceleration Programme titled ‘Saath’ for Self Help Group (SHG) women on September 1, 2021.
- It is notable that there are 48000 SHGs in Jammu and Kashmir. Four lakh women are connected to these SHGs.
- The government aims to establish 11000 more SHGs in the coming years.
- Through the ‘Saath’ initiative, the focus will be to connect the products made by these women with the market and mentor women.
- Initially, workshops will be held for 5000 women, out of which 500 will be selected for intensive training and further 100 will be selected for mentoring.
- ‘Saath’ is aimed at accelerating livelihoods of rural women, associated with SHGs and which are doing small works.



Link:

https://www.business-standard.com/article/current-affairs/j-k-lg-sinha-inaugurates-saath-initiative-for-women-associated-with-shgs-121090200129_1.html

UP govt to set up ”Electronic Park” near Noida

Question: Which of the following state/states Government has/have announced to set up Electronic Park near Noida?

(a) Delhi (b) Uttar Pradesh (c) Both (d) None of these

Answer:

Related Facts:

- The Uttar Pradesh government will set up an



electronic park in the Yamuna Expressway Industrial Development Authority (Yeida) area.

- The Park is likely to be developed in an area of 250 acres near Jewar Airport.
- National and international companies making mobile phones, TVs and other electronic goods will establish their units in the park
- Apart from medical device park and electronic park, Jewar Airport, Film City, Toy Park and Leather Park are also some of the ambitious projects announced by the Uttar Pradesh government.
- **Note-**
- The Current Governor of Uttar Pradesh is Anandiben Patel.

Reference: <https://www.hindustantimes.com/cities/noida-news/uttar-pradesh-govt-to-set-up-electronic-park-in-250-acres-near-jewar-airport-101632215385656.html>

Manipur's Sirarakhong Chilli and Tamenglong Orange gets GI tag

Question: The government allotted Geographical Indication (GI) tags to two new products Tamenglong Orange and Hathei Chilli, From which of the following states they belong?

(a) Nagaland (b) Mizoram (c) Assam (d) Manipur

Answer: (d)

Related Facts:

- Two famous products of Manipur, Hathei chilli and Tamenglong mandarin orange have been granted the Geographical Indication (GI) tag.
- The Hathei chilly works as a good anti-oxidant and possesses high calcium and Vitamin C levels.
- The Tamenglong mandarin orange is bigger in size and very rich in ascorbic acid.
- **Note**
- India, being a member of WTO, enacted the GI of goods (Registration and Protection) Act, 1999 (referred to as "GI Act") which came into force on 15 September 2003.
- La. Ganesan is the current Governor of Manipur.



Reference: <https://timesofindia.indiatimes.com/life-style/food-news/manipurs-hathei-chilli-and-tamenglong-orange-get-gi-tag/photostory/86365811.cms>

Eight-lane Delhi-Mumbai Expressway

Question: What is proposed length of the world's longest highway the Delhi-Mumbai Expressway, which will be completed by March 2023, according to the recent announcement?

a) 1280 km b) 1380 km c) 1180 km d) 1432 km

Answer: (b)

Related Facts:-



- On 17 September 2021; Union Minister for Road Transport and Highways, Nitin Gadkari announced about Delhi-Mumbai Express Highway.
- He informed that Government of India is constructing the world's longest highway, that is, Delhi-Mumbai Express Highway.
- He said that the work on the eight-lane Delhi-Mumbai Expressway, a 1,380 km road will be completed by March 2023.
- The Union Minister recently reviewed the progress of work on the Delhi-Mumbai Expressway.
- **Delhi-Mumbai Expressway (DME)**
- The expressway is 1,380 km long and is being constructed for Rs 98,000 crores. The expressway passes through the six states of Delhi, Haryana, Rajasthan, Madhya Pradesh, Gujarat, and Maharashtra.
- The foundation stone for the Delhi Mumbai Expressway was laid on 9 March 2019.
- Out of the 1,380 km, contracts for more than 1,200 km have already been awarded and are under progress.
- It will improve the connectivity to economic hubs like Jaipur, Kishangarh, Ajmer, Kota, Chittorgarh, Udaipur, Bhopal, etc. and help in bringing economic prosperity.
- As it will connect cities like Ujjain, Indore, Ahmedabad, Vadodara, Jaipur, Kishangarh, Ajmer and Surat, the road also has the potential of becoming a tourist attraction in near future.
- In addition to this, the Expressway will generate annual fuel savings of more than 320 million liters and reduce CO2 emissions by 850 million Kg which is equivalent to the planting of 40 million trees.
- Over two million trees and shrubs are planned to be planted along the highway.
- Other features of the DME include two 8-lane tunnels, one tunneling through Mukundra sanctuary.
- It will be constructed in the manner, without disturbing the endangered fauna in the region for 4 km.
- The second 4 km 8 lane tunnel that will pass through the Matheran eco-sensitive zone.

- **Advantages of DME**
- **Improvement in connectivity:**
 - The Delhi-Mumbai expressway will connect Haryana with Rajasthan, Madhya Pradesh, Gujarat, and Maharashtra.
 - As it will go through 6 states including Delhi, will ease the connectivity and therefore help in reducing travel time.
 - The expressway will connect urban centers of Delhi through the Delhi-Faridabad-Sohna section of the corridor along with a spur to Jewar Airport and Jawaharlal Nehru Port to Mumbai through a spur in Mumbai.
- **Boosting the industrial growth:**
 - The Delhi-Mumbai Expressway will change the future of the Mewat region and will bring it on the industrial map of the country.
 - It will link the two most important freight centres of the country, and will boost economic activity and generate great employment opportunities.
- **Reduce environmental Degradation:** On becoming the highway operational, check in air pollution in Delhi NCR will automatically come around
- It will also solve the problem of traffic jams. Further, reduced traffic congestion will improve the air quality in the city.
- **Travel time reduction:**
 - DME will reduce travel time between Delhi and Mumbai from nearly 24 hours to 12 hours and shorten the distance by 130 km.
 - The existing Delhi-Mumbai National Corridor is one the busiest routes of the national highways network.
 - It witnesses average traffic of more than 80,000 PCUs per day. The Delhi-Mumbai Expressway will provide an alternative to connect Delhi with Vadodara.
- **Unrestricted movement of wildlife:-**
 - The expressway is the first in Asia and only the second in the world to feature animal overpasses to facilitate unrestricted movement of wildlife.
 - The DME will have 3 animal and 5 overpasses with a combined length of 7 km dedicated for unencumbered wildlife movement.

Links:-

<https://newsonair.com/2021/09/19/india-soon-to-have-worlds-longest-expressway-between-mumbai-delhi/>

President's Colour to Indian Naval Aviation

Question : President Ram Nath Kovind recently awarded the President's Colour to Indian Naval Aviation. Accordingly, which of the following statement is correct

?

Statements —

1. **President's Colour to Indian Naval Aviation awarded on September 06, 2021.**
2. **It has been done in a ceremonial parade to be held at INS Hansa, Goa.**
3. **It's the highest honour bestowed on a military unit**

Options —

a. Only 1. b. Only 2. c. Only 3. d. All of the above

Ans. d.

Related facts —

President Ram Nath Kovind recently awarded the President's Colour to Indian Naval Aviation.

Key points —

1. President's Colour to Indian Naval Aviation awarded on September 06, 2021.
2. It has been done in a ceremonial parade to be held at INS Hansa, Goa.
3. It's the highest honour bestowed on a military unit in recognition of its exceptional service to the nation.
4. During the occasion, the Postal Department released a Special Day Cover.
5. It is notable that Indian Navy was the first among the Indian Armed Forces to be awarded the President's Colour in 1951 by the then president Dr Rajendra Prasad.
6. Subsequent recipients in the Navy include Southern Naval Command, Eastern Naval Command, Western Naval Command, Eastern Fleet, Western Fleet, Submarine Arm, INS Shivaji and the Indian Naval Academy.
7. INA(Indian Naval Aviation) came into being with acquisition of the first Sealand aircraft in 1951 and the commissioning of INS Garuda, the first Naval Air Station, on 11 May 1953.
8. At present, it has nine air stations and three naval air enclaves along the Indian coastline and the Andaman and Nicobar Islands.
9. INA is now a modern, technologically advanced force with more than 250 aircraft comprising Carrier-borne fighters, maritime reconnaissance aircraft, helicopters and remotely piloted aircraft.



Link:

<https://economictimes.indiatimes.com/news/defence/naval-aviation-to-be-awarded->

High Level Expert Committee for a comprehensive review of NCC

Question – Under whose chairmanship the Defence Ministry recently(September 2021) constituted a high-level expert committee to comprehensively review the NCC ?

- (a) Col Rajyavardhan Singh Rathore (b) Baijayant Panda (c) Vinay Sahasrabuddhe
(d) Sanjeev Sanyal

Answer—(b)

Related facts —

- The Defence Ministry recently(September 2021) constituted a high-level expert committee to comprehensively review of the NCC.
- This committee is constituted under chairmanship of the former Member of Parliament Baijayant Panda.
- This committee will suggest NCC cadets to work more effectively towards nation building.

Link:

<https://pib.gov.in/PressReleaseDetail.aspx?PRID=1755423>

India's 61st Software Technology park center opened in Nagaland

Question: India's 61st Software Technology Park has been inaugurated in which state?

- (a) Manipur (b) Nagaland (c) Assam (d) Mizoram

Answer: (b)

Related Facts:

- Nagaland's first and India's 61st Software Technology Park of India (STPI) center was inaugurated at Kohima.
- It is inaugurated by Union Minister of State (MoS) for Skill Development & Entrepreneurship, Electronics and IT Rajeev Chandrasekhar at the Directorate of Information Technology & Communication (DITC).
- Software Technology Parks of India (STPI) is a science and technology organisation established in 1991 by the Indian Ministry of Electronics and Information Technology.



- It will create a technology ecosystem in the north-east to create opportunities for the future generations in the region.
- The first Software Technology Park of India was set up in Bangalore, Karnataka (STPI-B) in 1990.

Reference: <http://www.nagalandpost.com/india-s-61st-software-tech-park-inaugurated-in-kohima/240559.html>

J&K Lt. Governor Manoj Sinha launched 'One Gram Panchayat-One DIGI-Pay Sakhi

Question: Which Union Territories Lt. Governor launched One Gram Panchayat-One DIGI-Pay Sakhi?

(a) Laddakh (b) Jammu and Kashmir (c) Pondicherry (d) Delhi

Answer: (b)

Related Facts:

- Lt Governor of J&K launches Mission 'One Gram Panchayat-One DIGI-Pay Sakhi' in J&K.
- This Mission has been launched to promote door to door digital banking and financial services in remote areas of the UT.
- The DIGI-Pay facility will be provided in 2000 remote villages of the UT and in the first phase, 80 women from Self Help Groups from across the Jammu and Kashmir Division have been selected as DIGI-Pay Sakhis.
- These three new initiatives of Digi-Pay, Krishi, and Pashu Sakhi, besides several other programs of women empowerment such as Hausla, Tejaswini, UMEED, Rise Together will further accelerate efforts of J&K government in Empowering Women and making them key partner in UT's development journey.

Reference: <https://newsonair.com/2021/09/15/jk-lg-manoj-sinha-launches-mission-one-gram-panchayat-one-digi-pay-sakhi/>

Paytm Payments Bank launched FASTag-based metro parking facility

Question: Paytm Payments Bank Ltd (PPBL) has launched India's first FASTag-based metro parking facility at Kashmere Gate metro station in partnership with which metro rail corporation?

(a) Delhi Metro Rail Corporation (b) Mumbai Metro Rail Corporation
(c) Lucknow Metro Rail Corporation (d) None of these



Answer: (a)

Related Facts:

- Paytm Payments Bank Ltd (PPBL) has launched India's first FASTag-based metro parking facility, at the Kashmere Gate metro station.
- Paytm Payments Bank will be the acquiring bank to facilitate the processing of all FASTag-based transactions for cars having a valid FASTag sticker.
- The parking facility is the first to accept payment via the UPI (unified payments interface) mode, which has been launched for two-wheeler vehicles, entering the parking site.
- PPBL will digitise parking facilities across the country with Kashmere Gate metro station being the first one to be powered by the bank's digital payment solution.

Reference: <https://www.thehindubusinessline.com/money-and-banking/paytm-payments-bank-launches-indias-first-fastag-based-metro-parking-facility/article36426560.ece>

IIM AHMEDABAD adjudged as the best Business School in India by QS

Question: Which Institute has been adjudged as the best Business school in India by QS Global MBA Ranking 2022 ?

(a) IIM Ahmedabad (b) IIM Bangalore (c) IIM Calcutta (d) ISB Hyderabad

Answer: (a)

Related Facts:

- In the latest edition of Quacquarelli Symonds Global MBA Rankings 2022, the Indian Institute of Management (IIM) Ahmedabad has emerged as the best Business school from India.
- The rankings evaluated a total of the world's 286 MBA programmes by Quacquarelli Symonds.
- Four Indian business schools included in top 100 list of QS ranking. IIM Ahmedabad, IIM Bangalore, IIM Calcutta and Indian School of Business Hyderabad got 46th, 50th 76th and 93rd rank respectively.
- Stanford Graduate School of Business, United States ranked No 1 in best business schools.



Reference: <https://indianexpress.com/article/education/qs-global-mba-rankings-2022-qs-global-mba-rankings-2022-iim-ahmedabad-indias-top-entry-most-indian-b-schools-improve-their-rankings-this-year-7500263/>

PM laid foundation stone of Raja Mahendra Pratap Singh University in Aligarh

Question: In which city, Prime Minister Narendra Modi has laid foundation stone of Raja Mahendra Pratap Singh University ?

(a) Gorakhpur (b) Aligarh (c) Ayodhya (d) Prayagraj

Answer: (b)

Related Facts:

- Prime Minister Narendra Modi laid the foundation stone of a university in Aligarh named after Raja Mahendra Pratap Singh.
- It is being set up in the total area of over 92 acres at Lodha and Musepur Kareem Jarouli villages of Kol tehsil in Aligarh.
- Raja Mahendra Pratap Singh was the first to form an Indian government in exile.
- He formed this government in Afghanistan in 1915.
- Raja Mahendra Pratap Singh was the king of a small principality called Mursan in the Hathras district in western Uttar Pradesh.



Reference: <https://www.firstpost.com/india/pm-lays-foundation-stone-of-raja-mahendra-pratap-singh-university-in-aligarh-all-you-need-to-know-about-jat-icon-9961301.html>

Sansad TV Launched in New Delhi

Question: Who has/have been launched the Sansad TV?

(a) Venkaiah Naidu (b) Narendra Modi (c) Om Birla (d) All of these

Answer: (d)

Related Facts:

- Sansad TV, a news channel combining the Lok Sabha and the Rajya Sabha TV, was launched by the Prime Minister Narendra Modi, Vice president Venkaiah Naidu and Loksabha Speaker Om Birla.
- When Parliament is in session, both channels will continue to operate as before bringing in the live telecast. But when it is in recess, only Sansad TV will be telecast.



- The launch date of Sansad Tv, September 15, coincides with the International Day of Democracy.
- Current CEO of Sansad TV is Ravi Capoor.

Reference: <https://www.thehindu.com/news/national/sansad-tv-launched-modi-calls-it-new-voice-of-parliament/article36483067.ece>

Central Government approved 100% FDI under automatic route in Telecom Sector

Question: Central Government has approved what Percent of FDI under automatic route in Telecom Sector ?

(a) 100 Percent (b) 49 Percent (c) 74 Percent (d) 51 Percent

Answer: (a)

Related Facts:

- The Central government has increased the FDI in the Telecom sector under the automatic route from 49% to 100%.
- The objective is to generate employment, promote competitive markets and safeguard the interest of consumers.
- These measures are expected to relax the cash flow issues that some of the telecom industry is facing.
- A total of 9 structural and 5 process reforms have been approved by the Union Cabinet.
- Definition of AGR has been a major cause for stress in the telecom sector.
- Its definition has now been rationalised by excluding the non-telecom revenue of telecom companies.
- AGR are the revenues, considered for payment of statutory dues.



Note:

- Ashwini Vaishnaw is the current Union Minister of Railways, Communications and Electronics & Information Technology.

Reference: <https://www.hindustantimes.com/business/100-fdi-in-telecom-sector-via-automatic-route-allowed-union-minister-101631702033660.html>

Kushinagar Airport declared as Customs Notified Airport

Question: Recently, which Airport has been declared as a customs notified airport?

(a) Kushinagar Airport (b) Ayodhya Airport (c) Azamgarh Airport (d) Jhansi Airport

Answer: (a)

Related Facts:

- The Central Board of Indirect Taxes and Customs (CBIC) has declared Kushinagar Airport as a Customs notified airport.
- With this, the airport will be able to handle international passenger movements as well.
- This will also facilitate international passenger movement including Buddhist pilgrims.
- The Kushinagar airport is an international airport spread across an area of 600 acres.
- M. Ajit Kumar is the current Chairman of Central Board of Excise & Customs. The Board consists of six Members.



Reference: <https://travel.economictimes.indiatimes.com/news/aviation/domestic/govt-notifies-kushinagar-airport-as-customs-airport/86253280>

Nuakhai Festival celebrated by Odisha with fervour

Question: Recently, Nuakhai Festival has been celebrated by which state?

(a) West Bengal (b) Manipur (c) Odisha (d) Assam

Answer: (c)

Related Facts:

- Nuakhai Festival has been celebrated by Odisha Government with such fervour.
- This festival is usually celebrated one day after the festival of Ganesh Chaturthi in the Western part of Odisha.
- The festival of Nuakhai is celebration done after the harvesting of food grains by the farmers of Odisha.
- The festival is celebrated by wearing new clothes and offering prayers to God.
- In the local Odia language it is known as Bara Massa re Parva.
- Nuakhai is understood to have 9 colours and as a consequence, 9 sets of rituals are followed as a prelude to the actual day of celebration.



Reference: <https://www.indiatoday.in/information/story/nuakhai-festival-history-significance-celebration-and-images-1851758-2021-09-11>

Justice Venugopal appointed as acting Chairperson of NCLAT

Question: Who has been recently appointed as acting Chairperson of NCLAT?

- (a) Justice S J . Mukhopadhaya (b) Justice Bansi Lal Bhat
(c) Justice M. Venugopal (d) Justice A I S Cheema

Answer: (c)

Related Facts:

- Justice Venugopal appointed as acting Chairperson of NCLAT.
- NCLAT stands for National Company Law Appellate Tribunal.
- He is a former judge of the High Court of Madras.
- The NCLAT was constituted under Section 410 of the Companies Act, 2013 for hearing appeals against the orders of the National Company Law Tribunal (NCLT).
- The tribunal also hears appeals from orders issued by the Insolvency and Bankruptcy Board of India under Section 202 and Section 211 of IBC.
- The NCLAT includes a Chairperson, a judicial member, and a technical member. It consists of a total of not more than eleven members.



Reference: <https://www.thehindu.com/news/national/nclat-gets-third-acting-chairperson-in-a-row/article36431088.ece>

Human Rights and Terrorism in India : Subramanian Swamy

Question: Who is the author of the book Human Rights and Terrorism in India?

- (a) Shashi Tharoor (b) Subramanian Swamy (c) K Natwar Singh (d) Kapil Sibal

Answer: (b)

Related Facts:

- A book has titled “Human Rights and Terrorism in India” authored by BJP MP Subramanian Swamy.
- The book “Human Rights and Terrorism in India” trace how the combating of terrorism can be harmonised with human and fundamental rights within reasonable restrictions that are permitted by the Constitution and upheld by the Supreme Court.
- It contains the topic of “Human Rights and Terrorism in India” based upon hijacked Indian Airlines passengers in Afghanistan’s Kandahar in 1999.



- At least 154 Indian Airlines passengers and crew were held hostage for eight days and the stand-off ended when hardcore terrorists Masood Azhar, Omar Sheikh and Mushtaq Ahmad Zargar were released.

Reference: <https://www.thehindu.com/news/national/kandahar-1999-episode-worst-capitulation-to-terrorists-in-indias-modern-history-subramanian-swamy/article36413781.ece>

Haryana topped in installation of solar pumps under PM-KUSUM

Question: Which state has topped in installation of solar pumps under PM-KUSUM?

(a) Haryana (b) Punjab (c) Rajasthan (d) Uttar Pradesh

Answer: (a)

Related Facts:

- Haryana has topped among all other states of the country in terms of installation of off-grid solar pumps under PM-KUSUM.
- PM-KUSUM stands for Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahaabhiyaan.
- It is a centrally-sponsored scheme and launched in 2019 with the target to install 20 lakh standalone solar pumps.
- This Scheme comes under Ministry of New and Renewable Energy (MNRE).
- The scheme aims to add solar and other renewable capacity of 25,750 MW by 2022.



Reference: <https://m.economictimes.com/industry/renewables/gautam-solar-installs-1500-solar-pumps-in-haryana-under-pm-kusum-yojana/articleshow/85594088.cms>

India's first-ever Euro Green Bond

Question : On which date PFC issued its maiden Euro 300 million 7-year Euro Bond ?

a. September 13, 2021 b. September 11, 2021 c. September 09, 2021
d. None of the above

Ans. a.

Related facts —



- Power Finance Corporation Ltd(PFC) is the India's leading NBFC in power sector.
- PFC has issued its maiden Euro 300 million 7-year Euro Bond on September 13, 2021.
- It is India's first-ever Euro Green Bond.
- Moreover, it is the first ever Euro issuance by an Indian NBFC and the first Euro bond issuance from India since 2017.
- The pricing of 1.841% achieved is the lowest yield locked in by an Indian Issuer in the Euro markets.
- The issuance saw a strong participation from institutional investors across Asia and Europe with a participation from more than 80 accounts and was oversubscribed 2.65 times.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1755380>

Golden Jubilee of Statehood of Himachal Pradesh

Question : On which date will President of India grace and address the special session of Himachal Pradesh Legislative Assembly ?

- a. September 17, 2021 b. September 27, 2021 c. September 19, 2021
d. None of the above

Ans. a.

Related facts —

- On September 17, 2021, the President of India will grace and address the special session of Himachal Pradesh Legislative Assembly being organised on the occasion of Golden Jubilee of Statehood of Himachal Pradesh.
- On September 18, 2021, he will grace the valedictory ceremony of the Indian Audit and Accounts Service Officer Trainees of 2018 and 2019 batches at the National Academy of Audit and Accounts, Shimla.
- **History of Himachal Pradesh —**
- **Pre & Proto History —**
- More than 1.5 million years ago man lived in the foothills of Himachal Pradesh, viz in the Bangana valley of Kangra, Sirsa valley of Nalagarh and Markanda valley of Sirmour.



- The foothills of the HP were inhabited by people from Indus valley civilization which flourished between 2250 and 1750 B.C.
- Migrants came in the form of Mongoloid people known as Bhotas and Kiratas.
- Later on came the most important wave of migrants in the form of the Aryans who left their Central Asian home.
- These laid the base of history and culture of Himachal Pradesh.
- **Post Independence Period —**
- The Chief Commissioner's province of Himachal Pradesh came into being on 15th April, 1948.
- It became a part C state on 26th January, 1950 with the implementation of the Constitution of India.
- Bilaspur was merged with HP on 1st July, 1954.
- Himachal Pradesh became UT on 1st November, 1956.
- Kangra and most of the other hill areas of Punjab were merged with Himachal Pradesh on 1st November, 1966 though its status remained that of a Union Territory.
- On 18th December, 1970 the State of Himachal Pradesh Act was passed by Parliament and the new state came into being on 25th January, 1971.
- Thus Himachal Pradesh emerged as the eighteenth state of Indian Union.
- It has come a long way since then. HP has seen a number of full-fledged governments which have led the state towards economic self-reliance.

First-ever Government Unani Medical College & Hospital in Jammu & Kashmir

Question : In which district is the first government 'Unani Medical College and Hospital' of the Union Territory of Jammu and Kashmir located ?

a. Anantnag b. Ganderbal c. Rajouri d. Ramban

Ans. b.

Related facts —

- The Union Territory of Jammu & Kashmir is all set to welcome its first-ever Government Unani Medical College & Hospital at Nawab Bagh.
- Union Minister of Ayush, Sarbananda Sonowal will be inaugurating the BUMS(Bachelor of Unani Medicine & Surgery) course of the College on 17 September 2021.
- It is notable that Ministry of Ayush has provided financial assistance to the tune of Rs 17.00 crore out of the estimated cost of Rs 32.50 Crore for the establishment of the Unani Medical College & Hospital in Kashmir under CSS.



- **CSS is stands for** — Centrally Sponsored Scheme.
- **Significance** —
- This step was taken to promote the indigenous systems of medicine in the UT of J&K particularly the Unani System of Medicine in the Kashmir Division.
- The Hospital of the college is expected to provide services to around three lakh people of more than 130 villages and will also cater the population of adjoining districts of Srinagar, Baramulla and Bandipora.
- The College is having an annual intake capacity of more than 55 BUMS students along with 60 bedded hospital.
- There are 07 clinical departments viz; Moalijat (Medicine), Jarahat (Surgery), Ain-Uzn-Anf-Halq (Ophthalmology & ENT), Ilm-ul-Qabalatwa Niswan (Obstetrics & Gynecology), Ilmul Atfal (Paediatrics), Amraz-Jild (Dermatology) and Ilaj bit Tadbeer (Regimental Therapy) in the College.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1755355>

Country's First FASTag-based Metro parking Facility

Question: Which of the following Payments Bank has partnered with Delhi Metro Rail Corporation (DMRC) to launch the country's first FASTag-based metro parking facility?

a) Paytm b) Amazon c) Airtel Payment Bank d) HDFC

Answer :(a)

Related Facts:-

- Digital payment startup Paytm has partnered with Delhi Metro Rail Corporation (DMRC) to enable the country's first FASTag-based metro parking facility.
- It should be known that Paytm Payments Bank Ltd (PPBL), which is the acquiring, bank for the parking site at the Kashmere Gate metro station.
- PPBL said that it will collect parking fees via FASTag. Paytm FASTag will eliminate the need for stopping the car.
- With the implementation of the PPBL powered FASTag system, car owners are no longer required to tender cash and parking fee.
- It is deducted directly from the wallet or account linked with the FASTag of the respective vehicles.



- Two-wheeler owners can also pay their parking fees digitally at the metro station via a simple UPI payment.
- Currently, the facility is available at the metro station's gate number 6 and it offers parking space for 174 two-wheelers & 55 four-wheelers.
- DMRC Managing Director expressed on the occasion that contactless transactions are the need of the hour and it is a step towards digitalisation.
- About FASTag:
 - An electronic toll collection system operated by NHAI is known as FASTag.
 - Toll collection is done in this system by using Radio Frequency Identification (RFID) technology.
 - Radio Frequency Identification (RFID) technology makes it possible to receive the payments directly from a linked account.
 - FASTag is fixed in the front of the vehicle and allows to drive through tolls without stopping for payments.

Links:-

<http://www.businessworld.in/article/Paytm-Collaborates-With-DMRC-To-Launch-India-s-first-FASTag-based-metro-parking-facility-/13-09-2021-404384/>

Telangana becomes first State to deliver medicinal BVLOS payload

Question: Which state has launched the Medicine from the Sky Project?

(a) Telangana (b) Bihar (c) New Delhi (d) Andhra Pradesh

Answer: (a)

Related Facts:

- Telangana has become the first State in the country to embark on Beyond Visual Line of Sight (BVLoS) flights to deliver a payload comprising vaccines, with the launch of Medicine from the Sky project in Telangana.
- The project, which seeks to deliver medicine, vaccines, and units of blood to remote, rural areas by means of drones.
- The project is first of its kind in India as it is the first organised BVLOS drone trials in the country.
- The project launched by Civil Aviation Minister Jyotiraditya Scindia and Telangana Industries and Information Technology Minister K.T. Rama Rao.
- This Project is the collaboration of the Telangana government, World Economic Forum, HealthNet Global and NITI Aayog.



India's largest open-air Fernery

Question: Recently in which of the following state, India's largest open-air fernery was inaugurated?

a) Ranikhet b) Lucknow c) Prayagraj d) Gangtok

Answer: (a)

Related Facts:-



- On 12 September 2021; India's largest open-air fernery was inaugurated in Uttarakhand's Ranikhet.
- The fernery is home to a large number of fern species, some of which are endemic to the state, some hold medicinal value.
- The fernery also has some threatened species that demand care and conservation.
- It should be known that India is home to a plethora of plant and animal species. The geographical and weather condition of the country is apt for the growth and development of a variety of species.
- The natural forest of Uttarakhand has been known to host different kinds of plants and animal species.
- The forest in Uttarakhand is a secret hub for flora and fauna, from unique black-bellied coral snakes to cryptogamic species.
- This center has been developed for conservation of fern species and also to create awareness about their ecological role and promote further research.
- **The new Fernery of Ranikhet**
- This is one of the biggest ferneries in India inaugurated in Uttarakhand.
- The fernery of Ranikhet has the largest collection of fern species, second to only Jawaharlal Nehru Tropical Botanical Garden and Research Institute (TBGRI), Thiruvananthapuram.
- Remarkable thing about Ranikhet fernery is that, it is the country's first open-air fernery in natural surroundings which is not under any poly-house/ shade house.
- The Ranikhet fernery spreads over four acres of land at an altitude of 1,800 metres.
- A seasonal pahadi nala also passes through it, which provides adequate moisture as ferns require shade and moisture to grow and propagate.

Links:-

<https://newsonair.com/2021/09/12/largest-open-air-fernery-in-country-inaugurated-in-uttarakhand/>

Inauguration of a 2.4 Megawatt capacity solar power plant at Pondicherry University

Question : On which date the inauguration of a 2.4 Megawatt capacity solar power plant has been done by the Vice President M. Venkaiah Naidu at Pondicherry University ?

a. 13 SEP 2021 b. 10 SEP 2021 c. 08 SEP 2021 d. None of the above

Ans. a.

Related facts —

- The Vice President, Shri M. Venkaiah Naidu today(13 September 2021) called upon states to promote the setting up of manufacturing plants for solar PV cells and modules to accelerate their production in India.
- Inaugurating a 2.4 Megawatt capacity solar power plant at Pondicherry University in the Union Territory of Puducherry, he expressed his concern over climate change and its impact.
- He emphasised that green energies such as solar, wind and small hydro offer a viable alternative to meet our growing energy needs.
- Observing that India was fast becoming a global leader in 'energy transition', he noted that with over 40 Gigawatts of installed solar capacity, India is ranked fifth globally in solar power capacity.



Link:

<https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1754477>

PM Narendra Modi inaugurates Sardardham Bhavan in Gujarat

Question: In which state, PM Narendra Modi inaugurated Sardardham Bhavan ?

(a) Uttar Pradesh (b) Delhi (c) Rajasthan (d) Gujarat

Answer: (d)

Related Facts:

- Prime Minister Narendra Modi inaugurated Sardardham Bhavan in Gujarat through video conferencing.



- He also laid the foundation stone of Sardardham Phase-II Kanya Chhatralay on the occasion.
- Both the establishments are dedicated to the first Deputy Prime Minister of India, Sardar Vallabhbhai Patel.
- **Objective of the Mission:**
- Social transformation to the Nation Building.
- Socially consolidate and ensure the unity and fraternity.
- Social, Educational & economic development of the community.

Reference: <https://www.hindustantimes.com/india-news/pm-modi-inaugurates-sardardham-bhavan-pays-tribute-to-sardar-patel-101631337753362.html>

The Tamil Nadu Admission to Undergraduate Medical Degree Courses Bill, 2021 (Anti-NEET bill)

Question : On which date the “Tamil Nadu Admission to Undergraduate Medical Degree Courses Bill, 2021”(Anti-NEET bill) passed by the Tamil Nadu assembly ?

- a. September 13, 2021 b. September 12, 2021 c. September 11, 2021
d. None of the above

Ans. a.

Related facts —

- The Tamil Nadu Admission to Undergraduate Medical Degree Courses Bill, 2021 (Anti-NEET bill) passed by the Tamil Nadu Assembly on September 13, 2021.
- The bill seeks permanent exemption from the National Eligibility cum Entrance Test (NEET).
- Now admission in MBBS-BDS in the state will be on the basis of 12th marks.
- **Background —**
- Recent developments comes after a 20-year-old student died by suicide in Tamil Nadu’s Salem district, hours before he was scheduled to appear for NEET.
- All parties, except for the Bharatiya Janata Party (BJP), voted in favour of the bill.



Link:

<https://www.thequint.com/news/education/tamil-nadu-cm-mk-stalin-bill-assembly-permanent-exemption-from-neet#read-more>

The first-ever exhibition in India dedicated to a selection of Indian birds

Question : Which institution recently(September 2021) presented the first-ever exhibition in India dedicated to a selection of Indian birds ?

- a. Delhi Art Gallery b. Bombay Art Gallery c. Hyderabad Art Gallery
d. None of the above

Ans. a.

Related facts —

- In honour of the unknown Indian masters commissioned by the East India Company in the late 18th and early 19th centuries, DAG presents the first-ever exhibition in India dedicated to a selection of Company Paintings of Indian birds, entirely from the gallery collection.
- The exhibition is scheduled from 4 September to 6 October 2021.
- Combining the delicacy and details of Mughal atelier-trained artists with the refinement and rationalisation of European art, the works signify a hybrid Indian art of rare and exceptional beauty, a style unique to the Indian subcontinent whose patronage was almost entirely British.
- The birds depicted in this exhibition include raptors, game birds, coastal waders and many woodland and forest birds, some very familiar and several that are now scarce.
- **About DAG —**
- Established in 1993, DAG (formerly called Delhi Art Gallery) showcases its diverse collection of Indian art through local and international museums, art galleries, exhibitions, publishing, archives, knowledge-based lineups, and programmes for the sight-impaired.



Link:

<https://economictimes.indiatimes.com/magazines/panache/commissioned-by-the-east-india-company-an-exhibition-devoted-to-birds-in-india/articleshow/86111187.cms>

Swachh Survekshan Grameen 2021 launched by Ministry of Jal Shakti

Question : Swachh Survekshan Grameen, 2021 launched by which Ministry ?

- (a) Ministry of Jal Shakti (b) Ministry of Rural development
(c) Ministry of Micro, Small and Medium Enterprises
(d) Ministry of Environment, Forest and Climate Change

Answer: (a)

Related Facts



- Swachh Survekshan Grameen, 2021 launched under the Swachh Bharat Mission by Ministry of Jal Shakti .
- Swachh Survekshan Grameen programme launched by the Union Jal Shakti minister Gajendra Singh Shekhawat.
- Swachh Survekshan is an annual survey of cleanliness, hygiene and sanitation in villages, cities and towns across India.
- **Focused Area:**
 - Solid and Liquid Waste Management.
 - Menstrual hygiene Management.
 - ODF (Open defecation Free) Sustainability and ODF plus implementation.
- **Note:**
 - Swachh Survekshan Grameen Awards is conferred upon top-ranked states, Union Territories (UTs), and districts in the various categories by the Ministry of Jal Shakti.

Reference: <https://www.hindustantimes.com/india-news/swachh-survekshan-grameen-2021-cleanliness-survey-for-villages-to-be-launched-today-101631144515165.html>

Setting up of ‘Rajiv Gandhi Science City’

Question : Which state’s government has recently(September 2021) decided to set up ‘Rajiv Gandhi Science City’ ?

a. Maharashtra b. Punjab c. Rajasthan d. Chhattisgarh

Ans. a.

Related facts —

- Maharashtra Cabinet has recently(September 2021) decided to set up a Science City in Pune.
- The complex will be known as ‘Bharat Ratna Rajiv Gandhi Science City’ in Pimpri- Chinchwad Municipal Corporation in Pune.



Link:

<https://economictimes.indiatimes.com/news/politics-and-nation/maharashtra-government-to-set-up-rajiv-gandhi-science-city-in-pune/video/85858290.cms>

Constitution of task force & expert committee on coal-based hydrogen production

Question : On which date has the central government announced the formation of a task force and expert



committee to prepare a road map for coal-based hydrogen production ?

a. 7 September 2021 b. 5 September 2021 c. 4 September 2021 d. None of the above

Ans. a.

Related facts —

- The Centre on September 7 said it has constituted a task force and expert committee to prepare a road map for coal-based hydrogen production.
- The move is aimed at contributing to Prime Minister Narendra Modi's agenda of a hydrogen-based economy in a clean manner.
- Ministry of Coal has constituted 2 Committees today(September 7), one to oversee the program and another of experts to give guidance to the Ministry.
- The task force has been constituted under the chairmanship of Coal Additional Secretary Vinod Kumar Tiwari.

Link:

<https://economictimes.indiatimes.com/industry/renewables/government-constitutes-task-force-expert-committee-on-coal-based-hydrogen-production/articleshow/86011134.cms>

Appointment of 31 members at NCLT, ITAT

Question : The government has recently(September 2021) appointed 31 members at the NCLT and the ITAT. What is the full form of NCLT ?

a. National Company Law Tribunal b. National Corporate Law Tribunal
c. National Corporate Legal Tribunal d. None of the above

Ans. a.

Related facts —

- The government has recently(September 2021) appointed 31 members at the NCLT and the ITAT.
- **The NCLT & the ITAT —**
- The National Company Law Tribunal (NCLT) deals with matters mainly related to companies law and insolvency law while Income Tax Appellate Tribunal (ITAT) deals with income tax matters.
- **Background —**
- It is noteworthy that Supreme Court has flagged concerns, saying the Centre was “emasculating” tribunals by not appointing officials to the quasi-judicial bodies that are facing staff crunch.
- There are around 250 posts lying vacant at various key tribunals and appellate tribunals such as NCLT, DRT, TDSAT and SAT.



Link:

<https://economictimes.indiatimes.com/news/economy/policy/govt-appoints-31-members-at-nclt-itat/articleshow/86136351.cms>

Tamil Nadu Government to celebrate Ramaswamy Periyar's birth anniversary as social justice day

Question : Which State Government will celebrate Periyar's birth anniversary as Social Justice day?

(a) Tamil Nadu (b) Kerala (c) Telangana (d) Karnataka

Answer : (a)

Related Facts :



- TN Government will celebrate Periyar's birth anniversary as social justice day on 17 September.
- The government has decided to celebrate the leader's birth anniversary every year to serve as a symbolic reinforcement of his egalitarian principles.
- The Chief Minister recalled the services of Periyar (September 17, 1879–December 24, 1973) to the Tamil society.
- **Note :**
- World Day Of Social Justice is observed on February 20 every year.
- The main objective of celebrating World Day of Social Justice is to raise a voice against social injustice and to bring the various communities internationally together to eliminate poverty, gender, and physical discrimination, illiteracy, religious discrimination to make a socially integrated society.

Reference: <https://indianexpress.com/article/cities/chennai/tn-govt-celebrate-periyars-birth-anniversary-social-justice-day-7491947/>

India's first Emergency Landing Facility on National Highway in Rajasthan

Question : India's first Emergency landing facility (ELF) on National Highway inaugurated in which state?

(a) Uttar Pradesh (b) Rajasthan (c) Maharashtra (d) Madhya Pradesh

Answer: (b)

Related Facts:

- India's first emergency landing strip inaugurated in Rajasthan by Union Defence Minister, Rajnath Singh and Union Highways Minister, Nitin



Gadkari.

- This landing facility has been constructed on the Satta-Gandhav stretch of National Highway (NH) 925A in Barmer, Rajasthan.
- This project will improve connectivity between villages of Barmer and Jalore districts located on the international border.
- This emergency landing strip will be helpful not only during a war but also during times of natural calamities.

Reference: <https://www.hindustantimes.com/india-news/indias-1st-emergency-landing-strip-on-highway-to-be-inaugurated-in-barmer-today-101631151180602.html>

Assam cabinet decides to remove Rajiv Gandhi's name from Orang national park

Question : Recently there was a news of renaming Orang National Park. Orang National Park is located in which state?

(a) Arunachal Pradesh (b) Assam (c) Nagaland (d) Himachal Pradesh

Answer : (b)

Related facts :

- Recently, Assam Government renamed Rajiv Gandhi Orang National Park as Orang National Park.
- The decision of the cabinet to restore the original name of Orang National Park was made considering the demand of Adivasi and Tea tribe.
- The National Park was named Rajiv Gandhi Orang National Park in 2001.
- It was established as a sanctuary in 1985 and declared a National Park on 13 April 1999.
- It is also known as the mini Kaziranga National Park .
- The park has a rich flora and fauna, including Great Indian One-Horned Rhinoceros, pigmy hog, elephants, wild buffalo and tigers.
- There are a total of 7 National Park in Assam.
- **Note :**
- There are a total of 106 National Parks in India that covers an area of about 1.33% of the geographical area of India.
- Jim Corbett National Park is the 1st National Park of India.
- Kaziranga National Park has become 1st National park in India to have been equipped with satellite phones.



Reference: <https://www.hindustantimes.com/india-news/assam-cabinet-decides-to-remove-rajiv-gandhi-s-name-from-orang-national-park-101630513742334.html>

NATIONAL COMMISSION FOR MINORITIES

Question : Who is newly appointed chairman of National Commission for Minorities?

(a) Iqbal Singh Lalpura (b) Atif Rasheed (c) Mukhtar Abbas Naqvi (d) Ghayorul Hasan

Answer : (a)

Related Facts:

- Former IPS officer, Iqbal Singh Lalpura appointed as chairman of National Commission for Minorities.
- The Union Government set up the National Commission for Minorities (NCM) under the National Commission for Minorities Act, 1992.
- Currently, the commission works under the Ministry of Minorities.
- These organisations are set-up to safeguard and protect the interests of minorities as provided in the Constitution of India and laws enacted by the Parliament and the State Legislatures.
- The act states that the Commission shall consist of a Chairperson, a Vice Chairperson and Five Members to be nominated by the Central Government.
- Each member of the commission holds the office for 3 years from the date of assumption of the office.
- **Note:**
- The six religious communities notified as minority communities in India : Muslims, Christians, Sikhs, Buddhists, Zoroastrians/Parsis and Jains (Notified as a minority on 27th June 2014).



Reference: <https://m.economictimes.com/news/india/iqbal-singh-lalpura-appointed-chairman-of-national-commission-for-minorities-sources/articleshow/86044279.cms>

Amazon India launched Kisan Store

Question : Which online Platform launched the Kisan Store in India?

(a) Flipkart (b) Amazon (c) Myntra (d) Snapdeal

Answer : (b)

Related facts:



- Amazon India has announced the launch of Kisan Store.
- Kisan Store enables farmers across India to get access to more than 8,000 agriculture inputs such as seeds, farm tools and accessories, plant protection and nutrition.
- These products are listed by small and medium businesses.
- The store was launched by Narendra Singh Tomar, Union Minister for Agriculture and Farmers Welfare.
- Farmers can choose to shop for thousands of agri-input products from over 20 brands on Amazon.
- The online store will be present in languages such as Hindi, Telugu, Kannada, Tamil, and Malayalam
- The farmers can buy items using digital payments.
- **Note:**
- Andy Jassy is the current CEO of Amazon.
- Amit Agarwal is the head of Amazon India.

Reference: <https://www.thehindubusinessline.com/economy/agri-business/amazon-india-launches-kisan-store/article36248846.ece>

IIT Madras announced online platform 'E-Source'

Question : Which IIT developed an online platform called e-Source to tackle e-waste?

(a) IIT Madras (b) IIT Delhi (c) IIT Khargapur (d) IIT Hyderabad

Answer : (a)

Related Facts :

- IIT Madras developed an online platform to tackle electronic wastes (e-waste) by linking stakeholders in the formal and informal economy.
- it will be an exchange platform that will serve as an online marketplace for Waste Electrical and Electronic Equipment.
- The e-Source initiative aims to make Waste Electrical Electronic Equipment as a key resource in the evolution of a circular economy by establishing traceability and recovery of post-consumer e-waste in the market.
- It will facilitate a formal supply chain between various stakeholders (buyers and sellers).
- It will provide Self-certification through prescribed standard protocols for various devices.

- It will ensure Mandated adherence to Data erasure protocols (including degaussing and wiping) of personally identifiable information (PII), especially IT and telecommunication equipment.
- Users can upload repair procedure videos to increase their reach and saleability of products.
- **Note :**
- Recently, Indian Institute of Technology (IIT)-Madras was ranked the best institution in the country for the third year in a row by the Education Ministry.

Reference: <https://www.thehindubusinessline.com/news/national/iit-madras-to-develop-online-platform-for-e-waste-management/article36188689.ece>

India's first bio-brick based building inaugurated at IIT Hyderabad

Question : Which IIT inaugurated India's first bio brick based building?

a) IIT MANDI b) IIT ROPAR c) IIT HYDERABAD d) IIT PATNA

Answer : (c)

Related facts :

- India's first bio-brick based building constructed out of agro-waste has been inaugurated at Indian Institute of Technology Hyderabad (IITH).
- It is part of the Bold Unique Idea Lead Development (BUILD) project to demonstrate the strength and versatility of the material.
- This technology has been developed to tackle air pollution caused by stubble burning.
- This innovation is going to be a game changer for farmers as their agricultural waste will become an income generator for them.
- IIT HYDERABAD was established in 2008 and currently located in Telangana.
- IIT Hyderabad Ranked Number 8 In NIRF Engineering Rankings 2020.
- IIT Hyderabad is India's first Institute to launch BTech in Artificial Intelligence (AI).



Reference: <https://www.thehindu.com/news/national/telangana/indias-first-bio-brick-based-building-inaugurated-at-iit-h/article36258196.ece>

Haryana Government bans use of expression 'GorakhDhanda' in state

Question : Which State Government has banned the term GorakhDhanada?

(a) Uttar Pradesh (b) Rajasthan (c) Madhya Pradesh (d) Haryana

Answer : (d)

Related facts :

- The Haryana government has banned the use of the term “GorakhDhanda”.
- The expression is generally used to describe unethical practices.
- The delegation of the Gorakhnath community urged Haryana Government to ban the phrase as it hurts the sentiments of the followers of Saint Gorakhnath.
- Gorakhnath was an 11th century Hindu yogi, considered to be the founder of the Nath Hindu monastic movement in India.
- The Gorakhnath Math and Gorakhpur city in Uttar Pradesh are named after him.

Reference: <https://www.thehindu.com/news/national/other-states/gorakh-dhanda-term-banned-by-haryana-govt/article35986896.ece>

FDI limits in National Pension System fund managers hiked to 74 %

Question: What is the revised FDI limit for investment in the Pension fund Management?

(a) 49 percent (b) 74 percent (c) 20 percent (d) 100 percent

Answer : (b)

Related facts :

- The government notified a hike in the foreign direct investment (FDI) limit in pension fund management to 74% from 49% under the national pension system.
- The Pension Fund Regulatory and Development Authority (PFRDA) Act links the FDI ceiling in the sector to the same in the insurance sector.
- National Pension Scheme is being regulated by PFRDA.
- National Pension System (NPS) was launched in 2004 for government employees.
- Supratim Bandyopadhyay is the current chairman of PFRDA .
- The headquarter of PFRDA is in New Delhi.
- The PFRDA ensures the growth and development of the pension market.
- **There are 7 pension funds in National Pension Scheme.**

1) HDFC Pension Management

2) ICICI Pru Pension Funds Management



- 3) Kotak Mahindra Pension Fund Management
- 4) LIC Pension Fund
- 5) SBI Pension Funds
- 6) UTI Retirement Solutions
- 7) Aditya Birla Sun Life Pension Management

Reference : <https://www.financialexpress.com/money/fdi-limit-in-nps-fund-managers-hiked-to-74/2292035/lite/>

India's 1st dugong conservation reserve to be in Tamil Nadu

Question : Which state will set up India's first dugong conservation reserve ?

a) Uttar Pradesh b) Maharashtra c) Karnataka d) Tamil Nadu

Answer : (d)

Related facts :

- Government of Tamil Nadu will set up India's first Dugong Conservation Reserve in the Palk Bay.
- Dugong is a sea cow, which is an endangered marine mammal and facing extinction due to water pollution, habitat loss and loss of sea grass.
- The conserve will cover an area of 500 Kms.
- According to Wildlife Institute of India (WII) , only 200-250 Dugongs are left.
- An estimated 200 individuals of dugongs are believed to live in the area which would largely benefit from Tamil Nadu government's recent decision to establish conservation reserve.



Reference : <https://www.newindianexpress.com/states/tamil-nadu/2021/sep/04/indias-1st-dugong-conservation-reserve-to-be-in-tn-2354056.html>

DCGI approved the use of Tocilizumab for treatment of Covid 19 Patients

Question : Recently, which drug received Emergency Use Authorisation from Drug Controller General of India for treatment of Covid-19 ?

(a) Tocilizumab (b) Ronapreve (c) Dexamethasone (d) 2-deoxy-D-glucose

Answer : (a)

Related Facts:

- Drug Controller General of India (DCGI) has issued Emergency Use Authorisation (EUA) for the generic



version of Tocilizumab in India.

- The EUA will enable medical practitioners to use the generic drug for treatment of COVID-19 in hospitalised adults.
- This drug is for the adults who are receiving systemic corticosteroids and require supplemental oxygen, non-invasive or invasive mechanical ventilation, or extracorporeal membrane oxygenation (ECMO).
- Hetero's Tocilizumab 400 mg/20 ml is the biosimilar version of Roche's Actemra/RoActemra, and will be available from September-end.
- Hetero Biopharma will be manufacturing the drug Tocilizumab.
- Hetero Biopharma is Pharmaceutical based company in Hyderabad.
- **Note :**
- Drugs Controller General of India (DCGI) is the head of department of the Central Drugs Standard Control Organization of the Government of India responsible for approval of licences of specified categories of drugs such as blood and blood products, IV fluids, vaccines, and sera in India.
- The Headquarter of DCGI located in New Delhi.

Reference: <https://timesofindia.indiatimes.com/india/heteros-tocilizumab-biosimilar-gets-dcgi-nod-for-hospitalised-covid-19-patients/articleshow/85977614.cms>

AYUSH AAPKE DWAR campaign launched from AYUSH Bhawan

Question : Which Ministry has launched AYUSH AAPKE DWAR campaign?

- (a) Ministry of Health and Family Welfare (b) Ministry of Rural Development
(c) Ministry of AYUSH (d) Ministry of Agriculture & Farmers' Welfare

Answer : (c)

Related Facts:

- Ayush Ministry launched the campaign "AYUSH AAPKE DWAR" from more than 45 locations across the country.
- Munjapara Mahendrabhai, Minister of State, for AYUSH launched AYUSH AAPKE DWAR campaign from Ayush Bhawan.
- About 21 states are participating in launch activities in which more than 2 lakh saplings will be distributed across India.
- The campaign aims to distribute medicinal plant saplings to 75 lakh households across the country in one year.



- These medicinal plants include Ashoka, Tejpatta, Stevia, Ashwagandha, Jatamansi, Giloy/Guduchi, Shatavari, Guggulu, Lemongrass, Tulsi, Sarpagandha, Brahmi, Kalmegh and Amla.
- Ministry of AYUSH stands for Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homoeopathy.
- This Ministry was set up on November 9, 2014 and renamed as Ministry of AYUSH on April 13, 2021.

Reference: <https://pib.gov.in/PressReleasePage.aspx?PRID=1751730>

GROWTH – India Telescope

Question: In which of the following state of India The GROWTH – India telescope, a joint project of Institute of Astrophysics (IIA) and IIT Bombay has been installed?

a) Maharashtra b) Ladakh c) Himachal Pradesh d) Goa

Answer : (b)

Related Facts:-



- On August 30, 2021; the Indian Institute of Technology Bombay signed a Memorandum of Understanding (MoU), with the Indian Institute of Astrophysics (IIA).
- The MoU, which is Valid for a period of five years, has been signed between the two, for extending the ongoing collaboration for operations and scientific utilisation of the GROWTH – India Telescope.
- **The GROWTH – India telescope-**
- The GROWTH – India telescope was set up jointly by IIA and IIT Bombay under a project and became operational in 2018.
- It is a 0.7m wide-field telescope set up in Ladakh as a joint partnership between IIA and IIT Bombay.
- The project has been supported by DST-SERB and the Indo-US Science and Technology Forum.
- Under this partnership, the organizations agreed to jointly continue the operations of the project.
- IIT Bombay students will continue to remotely use this robotic telescope, and will use and develop tools for observations and data processing.
- The operations of the GROWTH – India telescope are supported by generous contribution from IIT Bombay Alumni Class of 1994.
- This interdisciplinary project will emphasize to undertake continuous studies of cosmic sources that have rapidly-varying properties.

- Cosmic sources under the study of this telescope are emission from gravitational wave events, young supernovae and near-earth asteroids.
- It is the country's first fully-robotic optical telescope and one of the few such facilities present outside of Europe and the USA.
- It has been instrumental in the research work carried on by IIT Bombay.
- IIT Bombay students trained with this telescope collaborate with astronomers around the world.
- The closest known asteroid (2020QG), that flew past Earth without impacting it, was discovered by two such students recently.

Links:-

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1753148>

Governor of Uttarakhand & Tamil Nadu

Question : Who has been appointed as the governor of Uttarakhand on September 9 ?

a. Gurmit Singh b. R N Ravi c. Jagdish Mukhi d. None of the above

Ans. a.

- Gurmit Singh has been appointed as the governor of Uttarakhand on September 9.
- President of India accepted the resignation of Maurya and appointed Gurmit Singh as the governor of the state.
- **Other appointments/transfers —**

1. Besides this fresh appointment, the President also ordered shuffling of governors of some states which includes shifting Banwarilal Purohit from Tamil Nadu to Punjab. He was earlier holding additional charge of Punjab.
2. The Centre's interlocutor and retired IPS officer RN Ravi has been shifted from Nagaland to Tamil Nadu as its new governor.
3. Jagdish Mukhi, at present governor of Assam, has been appointed to discharge the functions of the governor of Nagaland in addition to his charge till a fresh appointment is made.



Link:

<https://economictimes.indiatimes.com/news/politics-and-nation/lt-gen-retd-gurmit-singh->

Acquisition of ONGC Tripura Power Company Limited

Question : CCI has recently(September 2021) approved the acquisition of ONGC Tripura Power Company Limited by GAIL (India) Limited. Accordingly, which of the following statement is correct ?

Statements —

1. The proposed combination relates to the acquisition of 26% equity share capital of the Target
2. The proposed combination falls under Section 5(a) of the Competition Act, 2002.

Options —

- A Only 1. B Only 2. C Both 1. & 2.
D None of the above

Ans. C

Related facts —



- CCI has recently(September 2021) approved the acquisition of ONGC Tripura Power Company Limited by GAIL (India) Limited.
- Key points of the acquisition —
- The proposed combination relates to the acquisition of 26% equity share capital of the Target by the Acquirer from IL&FS group entities.
- The proposed combination falls under Section 5(a) of the Competition Act, 2002.
- Acquirer & Target —
- It is noteworthy that acquirer is a listed public sector company with diversified interests across the natural gas value chain of trading, transmission, LPG production & transmission, LNG re-gasification, petrochemicals, city gas, E&P, and certain small renewable energy projects in Rajasthan, Gujarat, Karnataka and Tamilnadu.
- The Target is a special purpose vehicle between Oil and Natural Gas Corporation, IL&FS Group and Government of Tripura(GoT) formed by entering into a Shareholders' Agreement(SHA) on September 18, 2008 to implement a 726.6 MW Combined Cycle Gas Turbine (CCGT) thermal power plant at Palatana, Tripura.
- The Target is a public limited company, incorporated under the laws of India.
- It is engaged in the business of generation and supply of electricity, through the abovementioned power plant supplying power in the region of North-East India.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1753609>

Snow Leopard and the Black-Necked Crane

Question: Recently which of the following state/UT has declared the snow leopard and the black-necked crane as its state animal and state bird?

a) Chandigarh b) Ladakh c) Daman and Diu d) None of these

Answer: (b)

Related Facts:-

- On 31 August 2021; the Union Territory of Ladakh has declared the snow leopard and the black-necked crane as its state animal and state bird, respectively.
- Both snow leopards and black-necked cranes are rare species great attraction value for tourists.
- Especially the snow leopard at the Hemis National Park, for which the tourists come even in winters.
- Black-necked cranes have a great cultural significance and are mentioned in the local folk stories and folk songs.
- The Snow Leopard Conservancy India Trust has been working for snow leopards for more than three decades now.
- According to World Wide Fund-India (WWF-India), there is a significant threat to the successful breeding of black-necked cranes.
- This threat comes from the damage to the eggs and chicks caused by feral dogs owned by armed forces as well as by the local nomads.
- Another threat to the bird is the loss of their habitat, the human pressure on the wetlands, and the primary habitat of cranes.
- The government agencies, along with the WWF-India for over one decade, have been working towards conserving high altitude wetlands with the black-necked crane as a priority species in the Ladakh region.



Links:-

<https://weather.com/en-IN/india/environment/news/2021-09-02-ladakh-state-animal-and-bird>

Online platform e-Source

Question: Which of the following tech institution is developing an online platform, called e-Source that will be used to tackle electronic wastes (e-waste)?

a) IIT Mumbai b) IIT Delhi c) IIT Madras d) None of these

Answer: (c)

Related Facts:-

- IIT Madras is in process of developing an online platform called e-Source that will be used to tackle electronic wastes (e-waste).
- The e-Source will be used to tackle e-waste by linking stakeholders of the formal and informal economy.
- The e-Source will act as an exchange platform to serve as an online marketplace for Waste Electrical and Electronic Equipment (WEEE).
- It will also act as a formal supply chain between several stakeholders, including buyers and sellers.
- This initiative is being headed by Indo-German Centre for Sustainability (IGCS).
- According to IGCS team, problem of e-waste can be resolved by connecting buyers and sellers of Used and Waste electronic equipment without compromising their interests.
- e-Source initiative need of the time-
- To formalize e-waste handling and management, a novel open-source solution is needed.
- The e-waste either completely stripped down to get precious metals and other high-value materials or are dumped in landfills, without exploring potential re-use.
- Unscientific recycling methods e-waste is harmful for waste handlers as well as environment.
- As per a study, world generates 53.6 million tonnes of e-waste annually and expected to increase sharply in future.
- India is the world's third-largest producer of e-waste; such waste is pressing issues in India.
- Country generated 38 percent more e-waste in between 2019-2020.
- India is a concern regarding e-waste-
- In India, only 5 percent of e-waste is recycled responsibly.
- Advantages of e-Source
- Through the e-Source initiative a detection system will be deployed, which uses a combination of image processing and natural language processing techniques.
- In order, through these techniques, it will strive to get the product information and upload it to the database.
- It can, by the means of prescribed standard protocols, be furthermore self-certified.



Link:

<https://www.thehindubusinessline.com/news/national/iit-madras-to-develop-online-platform-for-e-waste-management/article36188689.ece>

New Governor of Manipur

Question: Who has been appointed as the new Governor of Manipur in August 2021?

(a) La. Ganesan (b) Biswa Bhusan Harichandan (c) R.N. Ravi (d) Ganeshi Lal

Answer: (a)

Related facts:

- Senior BJP leader from Tamil Nadu, La. Ganesan, has been appointed as the new Governor of Manipur.
- He will succeed Najma Heptulla.
- Sikkim Governor Ganga Prasad was holding the additional charge of the position.



Links:

<https://www.thehindu.com/news/national/other-states/senior-bjp-leader-la-ganesan-appointed-as-new-governor-of-manipur/article36042375.ece>

Indigenously built ICGS Vighra

Question: Consider the following statements:

(1)Rajnath Singh dedicated indigenously built Coast Guard Ship Vighra to the nation in Chennai.

(2)ICGS Vighra is seventh in the series of Offshore Patrol Vessels.

Of the above correct statement/s is/are:

(a) Only (1) (b) Only (2) (c) Both (1) & (2) (d) None of the above

Answer: (c)

Related facts:

- On 28th August 2021, Defence Minister Rajnath Singh dedicated indigenously built Coast Guard Ship 'Vighra' to the nation.
- The vessel was commissioned at a ceremony held in Chennai, Tamil Nadu.
- ICGS Vighra is seventh in the series of Offshore Patrol Vessels (OPVs).
- The ship will be based in Visakhapatnam, Andhra Pradesh and operate on the eastern seaboard under the Operational and Administrative Control of the Commander, Coast Guard Region (East).

- The 98-meter OPV, with a complement of 11 officers and 110 sailors, has been designed and built indigenously by Larsen & Toubro Ship Building Limited.
- **About:**
- ICGS Vigraha is fitted with advanced technology radars, navigation & communication equipment, sensors and machinery capable of operating in tropical sea conditions.
- The vessel is armed with a 40/60 Bofors gun and fitted with two 12.7 mm Stabilised Remote Control Gun with fire control system.
- The ship displaces approximately 2,200 tons and is propelled by two 9100 KW diesel engines to attain a maximum speed of 26 nautical miles per hour with endurance of 5000 nm at economical speed.

Links:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1749276>

Floating ATM on Dal Lake

Question: Which bank has opened a floating ATM on a Houseboat at Dal Lake in Jammu and Kashmir?

- (a) State Bank of India (b) Punjab national Bank
(c) Axis Bank (d) HDFC Bank

Answer: (a)

Related facts:



- State Bank of India has opened a floating ATM on a Houseboat at Dal Lake in Jammu and Kashmir's Srinagar.
- The ATM will offer convenience to the locals and tourists. The floating ATM was inaugurated by SBI Chairman Dinesh Khare.
- Prior to this, SBI has launched a floating ATM in 2004 in Kerala.
- The State Bank of India is the nation's largest commercial bank, in terms of assets, deposits, customers, branches and employees.
- The bank has the largest network of 22,224 branches and 63,906 ATM / CDM in India with 71,705 BC outlets.

Links:

<https://www.dnaindia.com/india/report-state-bank-of-india-s-big-gift-for-jammu-kashmir-locals-and-tourists-opens-floating-atm-on-a-houseboat-in-srinagar-s-dal-lake-2907068>

Question: Consider the following statements:

(1) Minister for Labour and Employment, Bhupender Yadav launched e-Shram portal.

(2) The portal will register unorganised workers across nation.

Of the above correct statement/s is/are:

(a) Only (1) (b) Only (2) (c) Both (1) & (2) (d) None of the above

Answer: (c)

Related facts:

- On 26th August 2021, Minister for Labour and Employment, Bhupender Yadav launched e-Shram portal.
- The portal will cover about 38 crore unorganised workers and make easy delivery of various social security schemes being implemented by the Central and State Governments.
- **About:**
- Every individual who is registered on e-Shram Portal will get Rs 2.0 Lakh Accidental Insurance cover. He will be eligible for Rs 2.0 Lakh on death or permanent disability and Rs 1.0 lakh on partial disability.
- Upon registration the workers shall be issued a eSHRAM card with unique Universal Account Number (UAN) through which he can get benefits of various social security schemes anywhere anytime.
- The portal will help build a comprehensive National Database of Unorganized Workers (NDUW) in the country.



Links:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1749294>

International

Lunar crater at the Moon's South Pole named after Matthew Henson

Question: Who was Matthew Henson in whose name the International Astronomical Union (IAU) has named a lunar crater?

- a) Astronaut b) Geologist c) Arctic Explorer
d) Physicist

Answer: (c)

Related Facts:-

- The International Astronomical Union (IAU) has named a lunar crater at the Moon's South Pole after Arctic explorer Matthew Henson.
- Matthew Henson was a black man who was one of the first people to reach the top of the world in 1909.
- Henson's name for the lunar crater was proposed by Jordan Bretzfelder.
- Jordan Bretzfelder, an intern at the Johns Hopkins Applied Physics Laboratory (APL) in Laurel, Maryland.
- Henson Crater and the Artemis Program:-
- The Artemis program was initiated by NASA with the aim of landing lunar explorers at Henson Crater.
- They will be selected from NASA's increasingly diverse astronaut pool.
- Hansen Crater is located at the south pole of the Moon between Sverdrup and de Gerlache craters.
- The program provides the foundation for studying planetary processes as well as building the infrastructure to advance human exploration on the Moon and Mars.
- It should be known that Henson was a seasoned explorer and skilled carpenter and craftsman.
- He was involved in about a dozen Arctic expeditions that were conducted by Robert Peary.



Links:-

<https://www.jhuapl.edu/NewsStory/201124-APL-intern-discovers-clues-moon-formation>

UNCTAD Trade and Development Report 2021

Question : UNCTAD's Trade and Development Report 2021 released on September 2021. Accordingly, which of the following statement(s) is/are correct ?
Statements —

1. India's growth rate is forecast to be 7.2% in 2021
2. Global growth rate is forecast to be 5.3% in 2021
3. Bounce back in global growth rate is the fastest in nearly 50 years

Options —

a. Only 1. b. Only 2. c. Only 3. d. All of the above

Ans. d.

Related facts —

UNCTAD's "Trade and Development Report 2021" released on September 15, 2021.

Key points of the report —

1. India is expected to grow at 7.2 per cent in 2021 but economic growth could decelerate at the level of 6.7 per cent next year.
2. Regardless, India will continue to be the fastest growing major economy in the world next year(2022).
3. Global growth rate is forecast to be 5.3% in 2021
4. Bounce back in global growth rate is the fastest in nearly 50 years
5. United States is projected to grow at 5.7 per cent in 2021 followed by a three per cent GDP growth next year.
6. China's growth rate is estimated at 8.3 per cent in 2021.
7. It will see its growth slow down to 5.7 per cent in 2022.
8. Globally, international trade in goods and services has recovered, after the overall flow dropped by 5.6% in 2020.
9. The report's modelling projections point to real growth of global trade in goods and services of 9.5% in 2021.



Link:

<https://unctad.org/publications>

World's highest public EV charging station inaugurated in Himachal Pradesh

Question: The world's highest electric vehicle charging station has been inaugurated in which State?

- (a) Rajasthan (b) Himachal Pradesh
(c) Uttarakhand (d) Ladakh

Answer: (b)

Related Facts:



- The world's highest electric vehicle charging station has been inaugurated in Kaza village of Lahaul and Spiti district in Himachal Pradesh.
- The electric vehicle charging station is set up at a height of 500 ft.
- The aim of this initiative is to check vehicular pollution and promote electric vehicles for a clean and green environment in the region.

Reference: <https://timesofindia.indiatimes.com/auto/bikes/worlds-highest-public-ev-charging-station-inaugurated-in-spiti-valley/articleshow/86502849.cms>

Question – The Global Innovation Index 2021 was released on 20 September 2021.

With reference to this, consider the following statements:

- (i) A total of 132 economies of the world have been included in this index.
- (ii) America has topped this index.
- (iii) India has been ranked 46th in this.

Which of the above statement(s) is/are correct ?

- (a) only (i) and (iii) (b) only (ii) and (iii) (c) only (i) and (ii) (d) All of the above

Answer—(a)

Related facts—

- The Global Innovation Index 2021 was released on 20 September 2021.
- **Key points —**
- Theme- “Tracking Innovation Through the COVID-19 Crisis”
- This is the 14th edition of the report to be published since 2007.
- A total of 132 economies around the world have been included in this index.
- Switzerland (Score – 65.5) has topped in this index.
- After this Sweden (Score – 63.1) got second, USA (Score – 61.3) third United Kingdom (Score – 59.8) got fourth and South Korea (Score – 59.3) got fifth place.
- Angola is at the lowest ie 132nd position in this index.
- After this, Yemen was ranked 131st, Guinea 130th, Niger 129th, Benin 128th and Myanmar 127th.
- India has been ranked 46th in this index (score – 36.4).
- Whereas last year (2020) India was ranked 48th in this index.
- In this index, among the neighboring countries of India, China has been ranked 12th, Nepal 111th, Sri Lanka 95th, Pakistan 99th and Bangladesh 116th.



Link:

<https://www.wipo.int>

Global COVID-19 Summit, 2021

Question – On 22 September 2021, which country hosted the virtually concluded ‘Global Covid-19 Summit’ ?

- (a) Japan (b) India (c) America (d) Italy

Answer—(c)

Related facts—

- On 22 September 2021, USA hosted the virtual concluded 'Global Covid-19 Summit'.
- The theme of the Summit – “Ending the Pandemic and Building Back better health security to Prepare for the next”.
- Prime Minister Narendra Modi addressed this Summit through virtual medium.



Link:

[https://www.mea.gov.in/Speeches-Statements.htm?dtl/34297/Prime Ministers comments at the Global COVID19 Summit Ending the Pandemic and Building Back Better Health Security to Prepare for the Next](https://www.mea.gov.in/Speeches-Statements.htm?dtl/34297/Prime_Ministers_comments_at_the_Global_COVID19_Summit_Ending_the_Pandemic_and_Building_Back_Better_Health_Security_to_Prepare_for_the_Next)

International Day of Sign Languages

Question: On which of the following date International Day of Sign Languages is observed?

(a) 23 September (b) 21 September (c) 25 September (d) None of these

Answer: (a)

Related Facts:

- September 23, is observed as International Day of Sign Languages 2021 to raise awareness about the usage of sign language.
- International Day of Sign Languages was first celebrated in 2018 as a part of International Week of the Deaf.
- The proposal for the International Day of Sign Language came from the World Federation of the Deaf.
- The 2021 theme for the day as declared by the World Federation of the Deaf, is “We Sign For Human Rights”.



Reference: <https://www.dnaindia.com/lifestyle/report-international-day-of-sign-languages-2021-history-significance-and-this-year-s-theme-2912468>

Cargo Spacecraft Tianzhou-3

Question: Which of the following country recently launched cargo spacecraft Tianzhou-3?

a) South Korea b) China c) Japan d) Russia

Answer: (b)

Related Facts:-



- On 20 September 2021; China launched cargo spacecraft Tianzhou-3 to deliver supplies for its under-construction space station.
- The spacecraft was carried away into the space by The Long March-7 Y4 rocket from the Wenchang Spacecraft Launch Site.
- It should be noted that Wenchang Spacecraft Launch Site is located in the southern island province of Hainan in China.
- According to China Manned Space Agency (CMSA) Tianzhou-3 successfully separated from the rocket and entered its designated orbit.
- CMSA declared that the launch of this spacecraft was a complete success.
- The cargo ship carries nearly 6 tonnes of goods and materials, preparing for the upcoming launch of the Shenzhou-13 crewed mission.
- The CMSA said Tianzhou-3 is loaded with living supplies for the astronauts, one extravehicular space suit for back-up, supplies for extravehicular activities, space station platform materials, payloads and propellants.
- The Launch of Tianzhou-3 is the 20th mission for the China's manned space programs and the 389th mission of the Long March rocket series.
- CMSA Director Hao Chun said that would transport support materials, necessary spare parts and equipment first, and then our crew.
- Following the Tianzhou-3 mission, the Shenzhou-13 manned spaceship will be launched to dock with the core module Tianhe.
- The mission in this way then felicitate the three astronauts to begin their six-month stay in orbit.
- China plans to complete the verification of key technologies and the in-orbit construction of the space station through multiple launches within two years.
- Five launch missions were planned for this year, namely the launch of the Tianhe core module, Tianzhou-2 cargo ship, Shenzhou-12 crewed mission, Tianzhou-3 cargo ship and the upcoming Shenzhou-13 crewed mission.
- Six more missions will come in 2022, including the launch of the Wentian and Mengtian lab modules.

- It will include two cargo spacecraft and two crewed spaceships, to complete the construction of the space station.

Links:-

http://www.news.cn/english/2021-09/20/c_1310199152.htm

The meeting of G-20 Agriculture Ministers

Question – Under the chairmanship of which country, the meeting of Agriculture Ministers of G-20 countries was held virtually from 17 to 18 September 2021?

(a) Germany (b) Russia (c) China (d) Italy

Answer—(d)

Related facts —

- Under the chairmanship of European country Italy, the meeting of Agriculture Ministers of G-20 countries was held virtually from 17 to 18 September 2021.
- Union Agriculture and Farmers Welfare Minister Narendra Singh Tomar led the Indian delegation in this meeting.
- He explained that by the year 2030-31, India's population is likely to exceed 150 crores, for which the demand for food grains is then estimated to be around 350 million tonnes.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756036>

International Day of Peace

Question – On which date ‘International Day of Peace’ is celebrated?

(a) 13 September (b) 21st September (c) 12 September (d) 15 September

Answer—(b)

Related facts—

- ‘International Day of Peace’ is celebrated on 21st September.
- This day is celebrated all over the world to strengthen the ideals of peace, through observing 24 hours of non-violence and cease-fire.
- ‘International Day of Peace’ promotes global solidarity for building a peaceful and sustainable world.



- This year theme is — “Recovering better for an equitable and sustainable world”.
- In the year 2001, the UN declared 21 September as International Day of Peace.

Link:

<https://www.thequint.com/lifestyle/international-day-of-peace-world-peace-day-2021-history-theme-significance#read-more>

World Bank Group Discontinued Doing Business Report

Question: Which International Institutions has discontinued doing Business Report?

- (a) International Monetary Fund (b) World Bank
(c) World Economic forum (d) Asian development Bank

Answer: (b)

Related Facts:



- The World Bank has decided to discontinue publication of its Doing Business Report.
- The Doing Business Report (DB) was an annually published report which was developed by a team led by Djankov in 2003. It was published by the World Bank Group every year from 2003 to 2019.
- It's aim was to measure the costs to firms of business regulations in 190 countries
- To fill the void created by the discontinuation of this report, World Bank would be working on a new approach to assessing the business and investment climate.
- **Note**
- The headquarter of World Bank is in Washington (USA)
- The Current President of World Bank is David Malpass.

Reference: <https://www.bloomberg.com/opinion/articles/2021-09-19/world-bank-s-ease-of-doing-business-list-deserved-to-die>

North Korea banned from Beijing Winter Olympics 2022

Question: Recently, Which country has been banned from Beijing Winter Olympics 2022?

- (a) South Korea (b) North Korea (c) Russia (d) Japan

Answer: (b)

Related Facts:



- International Olympic Committee (IOC) Suspended North Korea From Beijing

Winter Olympics 2022.

- North Korea was punished for refusing to send a team to the Tokyo Olympics 2021 citing the COVID-19 pandemic.
- The IOC head opened the door to North Korean athletes being able to participate at Beijing 2022, but they are set to do so under the Olympic Flag and not as a representative of the reclusive and secretive nation.
- The North Korean body will not be entitled to benefit from any assistance or programme from the IOC during the period of suspension.
- **Note:**
- The Headquarter of the International Olympic Committee is in Lausanne, Switzerland.

Reference: <https://www.bbc.com/sport/olympics/58494953>

Japan PM Yoshihide Suga step down as Prime Minister of Japan

Question : Who has been recently step down as Prime Minister of Japan?

(a) Shinzo Abe (b) Yoshihide Suga (c) Taro Kono (d) Sanae Takaichi

Answer: (b)

Related Facts:

- Japan's Prime Minister Yoshihide Suga step down as Prime Ministers of Japan.
- PM Suga had taken over charge after Shinzo Abe resigned in September 2020 citing ill health.
- Suga announced to end his tenure as his approval ratings dropped to an all-time low.
- Japan is still under a state of emergency and is grappling with the worst ever Covid wave. It has now seen more than 1.5 million virus cases.
- Tokyo stocks jumped on news of Suga's decision, with the benchmark Nikkei rising 2% and the broader Topix hitting its highest levels since 1991.



Reference: <https://www.theguardian.com/commentisfree/2021/sep/11/suga-prime-minister-japan-political-crisis-ldp>

China successfully launched new Earth observation satellite “Gaofen-5 02”

Question: Which Country has launched new Earth observation satellite “Gaofen-5 02” ?

(a) Japan (b) China (c) Brazil (d) USA

Answer: (b)

Related Facts:

- China launched the 24th Gaofen-series Earth-observation satellite in a bid to monitor environmental protection efforts and boost its natural resources surveillance.
- Gaofen-5 02 is a hyperspectral satellite that will be used for comprehensive environmental monitoring, to improve the country's hyperspectral observation capacity of the atmosphere, water and land.
- The satellite and carrier rocket were developed by the Shanghai Academy of Spaceflight Technology under the China Aerospace Science and Technology Corporation.
- Gaofen satellites have been widely used in more than 20 industries across China and have helped reduce the country's dependence on foreign remote-sensing products.



Reference: <https://www.indiatoday.in/science/story/china-launches-earth-observation-satellite-that-can-obtain-radioactive-data-1850620-2021-09-08>

Cuba first in the world to give jabs to 2-yr-olds

Question : Which country became the first in the world to vaccinate children aged 2 years and above?

(a) USA (b) Canada (c) Mexico (d) Cuba

Answer : (d)

Related Facts:

- Cuba became first in the world to vaccinate children aged 2 years and above.
- Cuba completed clinical trials on minors with its Abdala and Soberana vaccines.
- Soberana-2 vaccine for children in the 2-18 years age group. Soberana-2 is a two-dose vaccine.
- Abdala, a three-dose jab, is being given to adults.
- Both vaccines indigenously developed by Cuba.
- The Cuban vaccines have been cleared by its domestic drugs regulator but not by the World Health Organisation.



Reference: <https://www.thehindu.com/news/international/in-world-first-cuba-starts-covid-19-vaccine-for-toddlers/article36329493.ece>

BRICS Summit 2021 chaired by Indian Prime Minister Narendra Modi

Question : Who chaired the BRICS Summit 2021?

(a) Vladimir Putin (b) Jair Bolsonaro (c) Narendra Modi (d) Cyril Ramaphosa

Answer: (c)

Related Facts:

- Indian Prime Minister Shri Narendra Modi chaired the 13th BRICS Summit virtually.
- The theme of the Summit, chosen by India, was, BRICS@15: Intra-BRICS Cooperation for Continuity, Consolidation and Consensus.
- The Summit saw the participation of all other BRICS Leaders – President Jair Bolsonaro of Brazil, President Vladimir Putin of Russia, President Xi Jinping of China, and President Cyril Ramaphosa of South Africa.
- Prime Minister Modi stressed the need for accelerating ‘build-back’ by enhancing speed and accessibility of vaccination.
- Important regional and global issues have been also discussed including recent developments in Afghanistan.
- All the BRICS partners agreed to accelerate implementation of the BRICS Action Plan on Counter-Terrorism.
- **Note :**
 - The head quarter of BRICS is in Shanghai, China.
 - BRICS started in 2001 as BRIC, an acronym coined by Goldman Sachs and South Africa was added in 2010.



Reference : <https://timesofindia.indiatimes.com/india/pm-narendra-modi-chairs-13th-brics-summit-leaders-cover-afghan-crisis-pandemic-in-speech-key-points/articleshow/86067179.cms>

El Salvador

Question : Which country has recently(September 2021) become first country to use bitcoin as legal tender ?

a. El Salvador b. Maldives c. Hong kong d. Macao

Ans. a.

Related facts —

- El Salvador on September 7 became the first country to use bitcoin as legal tender, alongside the US dollar.
- Any user can configure Chivo to make payments either in bitcoin or their dollar equivalent.
- The move will give many Salvadorans access to bank services for the first time and save some \$400 million in fees on remittances sent home from abroad every year.



Link:

<https://www.ndtv.com/business/el-salvador-becomes-first-country-to-have-bitcoin-as-legal-tender-despite-widespread-domestic-skepticism-2532239>

BRICS New Development Bank Admits Bangladesh, UAE, Uruguay

Question : Recently in the month of September BRICS New Development Bank admitted which of the following members?

(a) Bangladesh (b) UAE (c) Uruguay (d) All of the above

Answer : (d)

Related Facts:



- The New Development Bank (NDB) had admitted the United Arab Emirates, Uruguay and Bangladesh as members.
- Brazil, Russia, India, China and South Africa – a group of major emerging economies known as BRICS .
- Bricks launched the bank in 2015 .
- New members will have in NDB a platform to foster their cooperation in infrastructure and sustainable development.
- The Shanghai-headquartered lender has signed off some 80 projects worth \$30 billion in all of its five member countries stretching across sectors from transport, water and sanitation to clean energy or digital and social infrastructure.

REFERENCE : <https://www.republicworld.com/world-news/rest-of-the-world-news/brics-new-development-bank-admits-bangladesh-uae-uruguay-india-welcomes-new-members.html>

New Prime Minister of Malaysia

Question: Who has been appointed the new Prime Minister of Malaysia in August 2021?

(a) Abdul Razak (b) Najib Razak (c) Ismail Sabri Yaakob (d) Nashid Mohammad

Answer: (c)

Related facts:

- Ismail Sabri Yaakob has been appointed as the new Prime Minister of Malaysia.
- He was appointed by Malaysia's King Sultan Abdullah Sultan Ahmad Shah.
- Prior to this, Ismail Sabri Yaakob was serving as the Deputy Prime Minister of Malaysia.
- He will succeed Muhyiddin Yassin.
- Muhyiddin Yassin resigned from the post after losing majority support in the lower house of parliament.



Links:

<https://indianexpress.com/article/world/malaysia-ismail-sabri-yaakob-appointed-new-prime-minister-7463438/>

First G20 Conference on Women Empowerment

Question: Where did the first G20 Conference on Women Empowerment take place?

(a) Santa Margherita Ligure, Italy (b) Paris, France (c) Canterbury, England
(d) Frankfurt, Germany

Answer: (a)

Related facts:

- On 26th August 2021, Union Minister of Women & Child Development, Smriti Irani addressed the first ever G20 Ministerial Conference on Women's Empowerment.
- The conference was held at Santa Margherita Ligure, Italy.
- The conference was held in hybrid format i.e people participated in physical form and via video conference also.
- **About:**



- The conference aimed at enhancing women's talents and skills, increasing women's representation in leadership positions, the definition and protection of women's rights, and tackling gender-based violence.
- The two specific areas of discussion include:
 - STEM, financial and digital literacy, environment and sustainability
 - Labour and economic empowerment and work-life balance.

Links:

<https://www.g20.org/outcome-of-the-first-g20-conference-on-women-empowerment.html>

Economics

Guidelines for Securitization of Standard Assets and Transfer of Credit Exposure

Question : On which date has RBI issued guidelines for securitization of standard assets and transfer of credit exposure ?

- a. 24 September 2021 b. 22 September 2021
c. 18 September 2021 d. None of the above

Ans. a.

Related facts —

RBI issued guidelines for securitization of standard assets and transfer of credit exposure on September 24, 2021.



Key points —

Master Direction – Reserve Bank of India (Securitisation of Standard Assets)

Directions, 2021 —

1. These directions shall be called the Reserve Bank of India (Securitisation of Standard Assets) Directions, 2021.
2. These directions shall come into force with immediate effect.
3. Applicability — These directions shall be applicable to Scheduled Commercial Banks (excluding Regional Rural Banks); All India Term Financial Institutions (NABARD, NHB, EXIM Bank, and SIDBI); Small Finance Banks (as permitted under Operating Guidelines for Small Finance Banks dated October 6, 2016 and as amended from time to time); and, All Non-Banking Financial Companies (NBFCs) including Housing Finance Companies (HFCs).
4. General requirements for securitization — The minimum ticket size for issuance of securitisation notes shall be Rupees 1 crore.

Master Direction – Reserve Bank of India (Transfer of Loan Exposures) Directions, 2021 —

5. These directions shall be called the Reserve Bank of India (Transfer of Loan Exposures) Directions, 2021.

6. These directions shall come into force with immediate effect.
7. Applicability — These directions shall be applicable to Scheduled Commercial Banks; Regional Rural Banks; Primary (Urban) Co-operative Banks/State Co-operative Banks/District Central Co-operative Banks; All India Financial Institutions (NABARD, NHB, EXIM Bank, and SIDBI); Small Finance Banks; and All Non Banking Finance Companies (NBFCs) including Housing Finance Companies (HFCs).
8. The transferor can transfer loans only after a minimum holding period (MHP), as prescribed below, which is counted from the date of registration of the underlying security interest:
 - a. Three months in case of loans with tenor of up to 2 years;
 - b. Six months in case of loans with tenor of more than 2 years.

Link:

https://www.rbi.org.in/Scripts/BS_ViewMasDirections.aspx?id=12166

DFC and USAID : 55 million dollar credit guarantee programme in India

Question : How much amount of credit guarantee programme for India has recently(September 2021) been announced by DFC & USAID ?

- a. 55 million dollar
- b. 65 million dollar
- c. 75 million dollar
- d. 85 million dollar

Ans. a.

Related facts —



- DFC & USAID recently(September 2021) announced a 55 million dollar(Rs 400 crore) credit guarantee programme(CRP) in India.
- The aim of this CRP is to address the economic impact of covid-19 by supporting loans to farmer producer organizations, ag-tech companies, and companies engaged in clean energy solutions for the agriculture sector.
- It will introduce and support clean technologies for small-holder farmers, particularly women, that improve market linkages and increase incomes while having a positive impact on the environment.
- The financial support will be complemented with technical assistance led by the RF to focus on areas of business management and help in building stronger linkages to the markets. RF(Rabo Foundation) is a social arm of Rabobank.
- Loans to farmer producer organizations will be provided by three Indian lenders—Samunnati Financial, Maanaveeya, and Avanti Finance.
- **DFC —**
- **DFC stands for —** U.S. International Development Finance Corporation

- It is a development finance institution and agency of the United States federal government.
- **USAID —**
- **USAID stands for —** United States Agency for International Development.
- It is an independent agency of the United States federal government that is primarily responsible for administering civilian foreign aid and development assistance.

Link:

<https://www.livemint.com/news/india/dfc-and-usaid-announce-55-million-guarantee-programme-in-india-11632470939171.html>

Announcement of strategic alliance of IPPB with Tata AIG & Bajaj Allianz

Question : On which date was IPPB announced a strategic alliance with Tata AIG and Bajaj Allianz ?

- a. 14 September 2021 b. 16 September 2021 c. 18 September 2021
d. 12 September 2021

Ans. a.

Related facts —

- IPPB has recently(September 14) announced a strategic alliance with Tata AIG and Bajaj Allianz.
- As part of the alliances with both the partners, IPPB will strive to make available affordable insurance products through its robust network of 650 branches and over 136,000 banking access points to citizens at large.
- The scope of products shall include healthcare and mediclaim products, personal accident, vehicle insurance amongst other innovative tailor made products to address the protection needs of Bharat.
- It is notable that nearly 200,000 postal service providers (Gramin Dak Sevaks and postmen) who are equipped with micro-ATMs and biometric devices will play an important role in distribution and promotion of these insurance products, focussing especially on unbanked and underserved customers at the last mile.



Link:

<https://www.ippbonline.com/documents/31498/0/Press+release+IPPB+in+strategic+alliances+with+Tata+AIG+General+Insurance%2C+Bajaj+Allianz+for+non-life+insurance+products+ Sep+14+ Final+media+version+%281%29+%282%29.pdf/7c2fc3dd-e51c-e309-4786-171e0c8bffa>

World Bank's decision to discontinue "Doing Business Report"

Question : Which of the following report has World Bank recently(September 2021) decided to discontinue for the purpose of ethics review ?

- a. Doing Business Report b. Global Hunger Index Report
c. Human Development Report d. None of the above

Ans. a.

Related facts —



- The World Bank has recently(September 2021) decided to discontinue publication of its "Doing Business Report" after a review of data irregularities in the 2018 and 2020 reports.
- Now, the World Bank will work on a new approach to assessing countries' business and investment climates.

Link:

<https://www.worldbank.org/en/news/statement/2021/09/16/world-bank-group-to-discontinue-doing-business-report>

Tata Capital introduces Digital 'Loan Against Mutual Funds'

Question : On which date was Tata Capital announced the launch of 'Loan Against Mutual Funds' (LAMF) ?

- a. September 14, 2021 b. September 16, 2021 c. September 18, 2021
d. None of the above

Ans. a.

Related facts —

- On September 14, Tata Capital announced the launch of 'Loan Against Mutual Funds' (LAMF).
- It is an industry first end -to -end digital offering.
- Customers can avail quick and hassle free loans ranging from Rs 5 lacs and Rs 2 crores.
- Backed by technology and analytics, LAMF is a personalized product to meet the diverse fund requirements of the customer. The loan amount is customized based on the value of the units in the mutual fund folio and tenure.
- As reported by AMFI, the Indian Mutual Fund Industry's AUM has grown from 15.18 trillion as on July 31, 2016 to ₹35.32 trillion as on July 31, 2021, more than 2-fold increase in a span of 5 years.

- Given the exponential growth in this investment category, LAMF is best suited for customers to meet their personal or business funding requirements.

Link:

<https://www.tatacapital.com/media-center/press-releases.html>

18th India-US Economic Summit

Question – On which date the 18th India-US Economic Summit was held through virtual medium?

- (a) September 10, 2021 (b) 15 September 2021 (c) 8 September 2021
(d) 18 September 2021

Answer—(b)

Related facts —

- The 18th India-US Economic Summit was held through virtual medium on September 15, 2021.
- It was organized by the Indo-American Chamber of Commerce (IACC).
- The Defence Minister Rajnath Singh addressed 18th India-US Economic Summit through video conferencing.
- The theme of this Summit was “Bouncing Back-Resilient Recovery Path Post Covid-19”.



Link:

<https://pib.gov.in/PressReleaselframePage.aspx?PRID=1755155>

PFC first Indian entity to issue Euro green bond

Question: Which leading power sector has been issued India's first-ever Euro Green Bond?

- (a) Power Finance Corporation Ltd (b) National Thermal Power Corporation Ltd
(c) Reliance Infrastructure Ltd (d) None of these

Answer: (a)

Related Facts:

- Power Finance Corporation issues India's first-ever Euro Green Bond.
- The European green bond is a voluntary standard to help scale up and raise the environmental ambitions of the green bond market.



- It is the first ever Euro issuance by an Indian NBFC and the first Euro bond issuance from India since 2017.
- What are Green Bonds?
- Green bonds work just like any other corporate or government bond.
- Borrowers issue these securities in order to secure financing for projects that will have a positive environmental impact, such as ecosystem restoration or reducing pollution.

Reference: <https://www.thehindubusinessline.com/money-and-banking/pfc-issues-indias-first-ever-euro-denominated-green-bonds/article36491693.ece>

American based Investment Bank, Morgan Stanley estimated India's GDP growth to 10.5 Percent

Question : What is the estimated GDP growth rate of India in financial year 2021-22 (FY22), as estimated by the Morgan Stanley?

(a) 9.6 Percent (b) 10.5 Percent (c) 7.8 Percent (d) 8.5 Percent

Answer : (b)

Related Facts:

- Morgan Stanley estimates India's GDP growth to 10.5% for the financial year 2021-22.
- GDP growth is expected to move into positive territory on a two-year CAGR basis from QE September.
- GDP grew 20.1 per cent year-on-year in the quarter ending June 2021.
- James Gorman is the current chairman and CEO of Morgan Stanley.
- The Headquarter of Morgan Stanley is in New York (USA).



Reference : https://www.business-standard.com/article/economy-policy/morgan-stanley-maintains-india-gdp-growth-estimate-of-10-5-for-fy22-121090100531_1.html

RBI appoints Neeraj Chopra for banking fraud awareness campaign

Question: Whom has Reserve Bank of India appointed for banking fraud awareness campaign?

(a) Neeraj Chopra (b) PV Sindhu (c) Lovelina Borgohain (d) Mirabai Chanu

Answer: (a)

Related facts:

- Reserve Bank of India has roped in Neeraj Chopra for banking fraud awareness campaign.
- The campaign will make aware people against digital banking frauds that includes avoiding share individuals OTP, CVV, ATM Pin with anyone.
- The Reserve Bank of India was established on April 1, 1935 in accordance with the provisions of the Reserve Bank of India Act, 1934.
- RBI was set up on the basis of the recommendations of the Hilton Young Commission.

Links:

<https://economictimes.indiatimes.com/industry/banking/finance/banking/neeraj-chopra-roped-in-for-rbi-awareness-campaign/articleshow/85204252.cms?from=mdr>

India's Economic Growth, Q1 2021-22

Question: What is India's Gross Domestic Product (GDP) growth rate for the first quarter of 2021-22?

(a) 20.1 percent (b) 22.5 percent (c) 23.2 percent (d) 21.4 percent

Answer: (a)

Related facts:

- As per data released by the National Statistical Office, Indian economy has registered a record GDP growth of 20.1 per cent in the first quarter(Q1),April-June 2021.
- The GDP has contracted by 24.4% last year in first quarter following strict national lockdown due to the Covid 19 pandemic.
- Gross Value Added (GVA) in the economy during the April to June period rose 18.8%,from a 22.2% dip in the first quarter of 2020-21.
- GVA from agriculture, forestry and fishing, the only sector to grow amid last year's national lockdown, picked up pace to grow 4.5% in Q1 this year from 3.5% in Q1 2020-21.
- Overall GVA in Q1 was still 7.8% lower than the first quarter of 2019-20, at ₹30,47,516 crore, while GDP remained 9.2% lower, indicating that the economy still has some way to go before it returns to activity levels prevalent prior to the pandemic.
- Electricity, gas, water supply and other utility services, whose GVA grew 14.3% in Q1 of 2021-22, compared with a 9.9% fall last year, was the only sector along with agriculture, forestry and fishing, to recover beyond the pre-pandemic levels of 2019-20.



- The first quarter GDP is even lower than that of the first quarter of 2018-19.

Links:

[https://www.thehindu.com/business/Economy/indian-economy-grows-201-in-q1-lags-pre-covid-level/article36203451.ece#:~:text=India's%20Gross%20Domestic%20Product%20\(GDP,second%20wave%20of%20COVID%2D19.](https://www.thehindu.com/business/Economy/indian-economy-grows-201-in-q1-lags-pre-covid-level/article36203451.ece#:~:text=India's%20Gross%20Domestic%20Product%20(GDP,second%20wave%20of%20COVID%2D19.)

Scientific

Defense/Science Short Notes

Raytheon Hypersonic Weapon

Question: Which of the following country recently tested the Raytheon hypersonic weapon, in partnership with the Defense Advanced Research Projects Agency (DARPA)?

a) USA b) Russia c) China d) India

Answer: (a)

Related facts:-

- On 27 September US defence department the Pentagon announced that the United States has successfully tested a Raytheon hypersonic weapon.
- It is an air-breathing hypersonic weapon capable of speeds faster than five times the speed of sound.
- The mission was completed by the US Air Force, in partnership with the Defense Advanced Research Projects Agency (DARPA).
- It was the first successful test of this type of cruise missile since 2013 by the United States of America.
- The free flight test of the Hypersonic Air-breathing Weapon Concept (HAWC) took place around 20th September 2021.
- It has been demonstrated that the weapon is highly effective and it has strong capabilities to hit and destroy the set target.
- The mission aimed to test, among other aspects, safe separation from the launch aircraft, booster ignition and engine ignition.
- According to a DARPA press release, all primary test objectives were met.
- Built by Raytheon Technologies, the HAWC missile's engine propelled the cruiser at a speed greater than Mach 5 – five times the speed of sound.



- HAWC vehicle operates best in oxygen-rich atmosphere, where speed and maneuverability make it difficult to detect in a timely way.
- It could strike targets much more quickly than subsonic missiles and has significant kinetic energy even without high explosives.

Links:-

<https://www.independent.co.uk/news/world/americas/raytheon-hypersonic-weapon-pentagon-test-b1928004.html>

Civil Do-228 Aircraft

Question: HAL signed a lease agreement with Alliance Air Aviation Limited for the supply of two Civil Do-228 aircraft. In which of the following state these two aircraft will be used will be used for regional operations?

a) Sikkim b) Himachal Pradesh c) Uttar Pradesh d) Arunachal Pradesh

Answer: (d)

Related Facts:-

- On 26 September HAL signed a lease agreement with Alliance Air Aviation Limited for the supply of two Civil Do-228 aircraft.
- These Civil Do-228 aircraft will be used for regional operations in Arunachal Pradesh.
- HAL's General Manager, Transport Aircraft Division, Kanpur and Head of Engineering for Alliance Air Aviation Limited signed the deal papers in Bengaluru.
- The HAL Do- 228 is a versatile aircraft well-suited for operations in the North East.
- It has the capabilities of short take-off and landing, ability to land and take-off from semi-prepared runways.
- This development has opened a new vista in civil aviation for HAL as the Company is keen in engaging more numbers of HAL Do-228.
- Speaking on the occasion, the Chief Minister of Arunachal Pradesh Mr Pema Khandu said that the connectivity will now be easier.
- He said that it was a big day for the state, as there are big geographical challenges in this vast state.



Links:-

<https://newsable.asianetnews.com/india-defence/hal-signs-pact-with-alliance-air-to-deploy-do-228-aircraft-in-arunachal-pradesh-dnm-r0186c>

Question – Where will the “Bijoya Sanskritik Mahotsav ” be organized by the Indian Army from 26 to 29 September 2021?

(a) Guwahati (b) Kolkata (c) New Delhi (d) Pune

Answer—(b)

Related facts —

- The “Bijoya Sanskritik Mahotsav ” be organized by the Indian Army from 26 to 29 September 2021 in Kolkata.
- The event will be organized by the Eastern Command of the Indian Army.
- The objective of the event is to showcase the cultural ties between India and Bangladesh.
- Through this event, many tales of valor of various historical wars fought by the brave warriors in the Liberation War of 1971 will be brought before the public.
- Significantly, on 16 December 2021, 50 years will be completed of the liberation of Bangladesh and India’s victory over Pakistan in the Indo-Pak war of 1971.
- Swarnim Vijay Varsh celebrations are being organized across the country to commemorate this historic event in India.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1757255>

Substitute for Single-use Plastic

Question: Researchers from which of the following institute in India, recently have found a way to make a substitute for single-use plastic?

a) CSIR b) IISc c) TIFR d) None of these

Answer: (b)

Related Facts:-

- Indian Institute of Science, Bengaluru (IISc) have found a way to make a substitute for single-use plastic.
- This feat has been achieved by the Researchers from Department of Material Engineering, Indian Institute of Science, Bengaluru (IISc).
- They have found a way to mitigate the problem of accumulating plastic waste in the environment.
- According to a report by Central Pollution Control Board of India, for the year 2018-2019, 3.3 million metric tonnes of plastic waste are generated by Indians.



- The bad news is that this may well be an under-estimation of the problem. Most disturbing aspect is that of all the plastic waste produced in the world, 79% enters the environment.
- Recycling process is still not widespread in the world; only 9% of all plastic waste is recycled.
- Often there can be major harm to aquatic ecosystems by the accumulation of plastic waste.
- Plastic waste is detrimental to the environment and when this waste finds its way into the sea.
- Solution Provided by the Researchers-
- Scientists in Indian Institute of Science developed bio-degradable, leak-proof and non-toxic polymers using non-edible oil and cellulose.
- These polymers can be moulded into sheets having properties suitable for making bags, cutlery or containers.
- Chemical Procedure-
- In the process of making the biodegradable polymer non-edible Castor oil was used.
- It involves allowing them to react with the cellulose and di-isocyanate compound.
- All precursors are mixed in toluene solvent and heated at 80 degree for 8 hours.
- Then the solution mixture is poured in a teflon sheet and allowed the toluene to evaporate.
- After 12 hours, nice polyurethane sheet is obtained because of the crosslink between the functional groups present in the precursors.
- The sheets are then moulded in compression moulding to make the articles such as a bag or pieces of cutlery.

Links:-

<https://www.thehindu.com/sci-tech/science/iisc-researchers-find-a-way-to-substitute-for-single-use-plastics/article36538581.ece>

Eruptions in Cumbre Vieja volcano

Question: in which of the following country the Cumbre Vieja volcano is located?

a) Spain b) France c) Japan d) Philippine

Answer: (a)

Related Facts:-

- On 19 September 2021; eruptions started in the Cumbre Vieja volcano on the island of La Palma in the Canary Islands, Spain.



- It should be noted these eruptions started in Cabeza de Vaca, in the Montana Rajada Mountains and in the Las Manchas section of El Paso municipality.
- It should be noted that no lava has emerged since 1971 from the Cumbre Vieja volcano on the Spanish island of La Palma.
- Only it has occasionally twitched, convulsed, and rumbled, but this time it came out in furious manner.
- On September 19, at 3:12 p.m. local time rising magma from several fissures on its western flanks, tore open and an extravagant eruption began.
- Gradual course of events-
- An earthquake swarm started under Cumbre Vieja on 11 September 2021.
- It slowly migrated to the surface, with earthquakes up to around 3.5 on the Richter scale and over 25,000 recorded in the space of a 10 days.
- On 19 September 2021 the volcano started erupting, in Cabeza de Vaca and other nearby sections.
- A yellow warning was issued, covering 35,000 people in the municipalities of Los Llanos de Aridane, Fuencaliente, El Paso and Villa de Mazo.

Links:-

<https://earthobservatory.nasa.gov/images/148875/cumbre-vieja-lights-up-the-night>

Third Edition of Life Sciences Conclave

Question: On 17 September 2021 which of the following organisation has organised the third edition of Life Sciences Conclave?

a) CII b) CSIR c) IISc d) TIFR

Answer: (a)

Related Facts:-



- On 17 September 2021; CII organized the third edition of Life Sciences Conclave.
- Life Sciences Conclave also provides the necessary platform for stakeholders across the world to converge and embed their ideas.
- The Indian Life Sciences industry is paving the way for future growth in terms of meeting the domestic needs.
- This industry is also establishing the nation as a leader in the global life sciences landscape.
- There are still several challenges in this field that need to be addressed and it is of fundamental importance.

- There is still a grave need to re-strategize the restoration of India's position in the pharmaceutical and biotechnology landscape.
- This platform seeks to curate and create an environment conducive to help build a better future and achieve the targets the nation has set for itself.
- Principal Scientific Adviser, Government of India, Prof. K Vijay Raghavan was present at the inaugural session of the CII Life Sciences Conclave.
- He stated that reform is needed in the space of ease of doing science, regulation, university functioning in research and industry academia linkages.
- Prof. Raghavan expressed that there is an extraordinary desire to do high end research that is globally competitive.
- He said that the industry has no shortage of capital but a shortage of risk capital.
- He is of the view that there is a need to connect our lab ecosystem to our industry and bring research into our broader ecosystem.
- Our population, network of labs and the fundamental simplicity of research that is undertaken here will help India grow as compared to similarly placed countries.
- Dr Renu Swarup, Secretary, Department of Biotechnology & Department of Science and Technology, Ministry of Science & Technology
- According to Dr Renu Swarup today we have been able to see breakthrough in silos and the boundaries have gotten blurred between academia, industry and startups.
- Dr Renu Swarup is the Secretary, Department of Biotechnology & Department of Science and Technology, Ministry of Science & Technology
- Moving ahead we can hope India will not just be the pharmacy of the world but also the research lab of the world.
- There is a need to create an industry strategized research partnership platform.
- The bio-strategy document is in place that will lead India to become a USD 150 billion market by 2025.
- CII on this occasion also launched the report titled as-Taking India's Life Sciences to the Global Stage – Make in India" to fuel 4x growth in Biosimilars and Vaccines by 2026."
- We now need to focus on how ways to encourage new IP generation and new innovative research, this will require industry collaborations with both academia and startups.
- Our focus should be on achieving scalability that is matched with sustainability, and we will at least 10,000 startups in the next 5 years.
- At the Valedictory Session, Ms S Aparna Secretary, Department of Pharmaceuticals said that in the last 5-10 years India has become a favored destination for pharma companies.
- There is a global move towards the greater diversification in this field.

Links:-

<https://www.cii.in/ResourceDetails.aspx?enc=iK3YIJZcu8JenEidJJk8U5O5uUh6naiKyqPVkUBTFDLIN2Jo5h/48SB1oFjSB6kR9P3sGg776diC8XfmQQ3Y9TLhRuIUS6C3j2pcj0z4QjXrBrHzT/awCs/hO4Xypgr0G/Hlr+iyjYPvJ2Kn9Z1H5tMkO2DhXEs6MGXjyzaZqACqjYqaOnc/oioWR+HkHeHU>

ISRO to develop reusable launch Vehicle

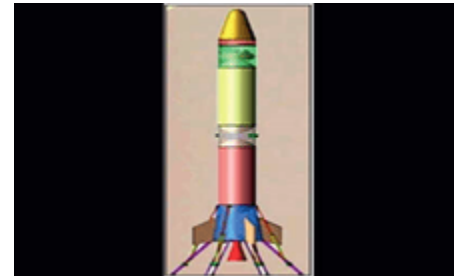
Question: In which of the following launch vehicle, ISRO is planning to fit 1st and 2nd stage reusable boosters in future?

a) PSLV-D5 b) GSLV MK-III c) GSAT- 14 d) None of these

Answer: (b)

Related Facts:-

- The Indian Space Research Organisation (ISRO) has planned to develop a reusable GSLV Mk-III launch vehicle.
- ISRO for this purpose is working on technologies that will enable it to land the GSLV Mk-III launch vehicles vertically.
- If all goes according to plan GSLV Mk-III launch vehicles will send back their booster similar to what Elon Musk's SpaceX does
- According to a senior official, in this way ISRO will be able to recover the first and second stages.
- This will enable the space agency to reuse the GSLV Mk-III, thus helping it save money.
- V.T. Baskar, project director, GSLV Mk-III, informed that the space agency had been working on multiple mini-projects.
- He said that if we recover the first and second stages, we will have a lot of cost advantage.
- Already studies are on and mini projects have been approved for landing experiments.
- He said that they have to implement a few enabling technologies to have the capability to take a wing body or large body to land safely.
- Mr. Baskar said the ISRO was working on augmenting its technologies for landing launch vehicles.
- Landing on legs
- ISRO has also planned the Landing on legs like what SpaceX is doing.
- The agency has been optimistic to display the technological achievement in this regard within this year or the next year.



Links:-

<https://www.thehindu.com/news/national/tamil-nadu/isro-working-on-reusable-gslv-mk-iii-launch-vehicle/article36507027.ece>

India-Nepal joint military exercise ‘Surya Kiran’ begin in Pithoragarh, Uttarakhand

Question: Surya Kiran is a Military exercise between which two Nations?

- (a) India and Bangladesh (b) India and Maldives (c) India and Nepal
(d) India and Pakistan

Answer: (c)

Related Facts:

- The armies of India and Nepal have started the 15th edition of joint military exercise Surya Kiran at Pithoragarh in the Indian state of Uttarakhand.
- The exercise was called off in 2020, due to the Covid-19 pandemic.
- The two-day joint military training exercise will validate the performance of both armies in counterinsurgency in mountainous regions.
- The Infantry Battalion of the Indian Army and an equivalent counterpart from the Nepali Army are participating in the drill.
- The Indian Army and Nepali Army would share their experiences of various counter-insurgency operations, and familiarise themselves with each other's weapons, equipment, tactics, techniques and procedures of operating in a counter-insurgency environment in mountainous terrain.
- The joint military training will help in improving bilateral relations and further strengthen the traditional friendship between the two nations.

Reference: <https://timesofindia.indiatimes.com/city/dehradun/india-nepal-joint-military-exercise-surya-kiran-kicks-off-in-pithoragarh/articleshow/86375465.cms>

Indian and Indonesian Navy participate in 3rd edition of ‘Samudra Shakti’ in Jakarta, Indonesia

Question: India is participating in 3rd edition of ‘Samudra Shakti’ with which of following Nation?

- (a) Bangladesh (b) Sri Lanka (c) Myanmar (d) Indonesia

Answer: (d)

Related Facts:

- Indian Navy and Indonesian Navy are taking part in a two-day bilateral maritime exercise ‘Samudra Shakti’.

- The 3rd edition of Bilateral Exercise 'Samudra Shakti' is scheduled from September 20 to Sep 22
- The exercise aims to strengthen the bilateral relationship, enhance mutual understanding and interoperability in maritime operations between the two navies.
- In pursuance of India's Act East Policy, Exercise 'Samudra Shakti' was conceived in 2018 as a bilateral INDIA-INDONESIA exercise.
- The exercise that will also see the Indonesian Army take part in it, will provide an appropriate platform to share best practices and develop a common understanding of Maritime Security Operations



Reference: <https://www.indiatoday.in/india/story/indian-indonesian-navies-bilateral-maritime-exercise-1854965-2021-09-20>

SCO Exercise Peaceful Mission 2021

Question: Which edition of SCO Exercise Peaceful Mission 2021 started at Orenburg Region of South West Russia?

(a) 2nd (b) 5th (c) 3rd (d) 6th

Answer: (d)

Related Facts:

- The 6th edition of SCO Exercise PEACEFUL MISSION is being hosted by Russia in the Orenburg Region of southwest Russia from 13 to 25 September 2021.
- PEACEFUL MISSION exercise is conducted biennially under the "military diplomacy" between the Shanghai Cooperation Organization (SCO) member states.
- The objective of this mission is to foster close relations between SCO member states.
- It will enhance the abilities of the military leaders to command multi-national military contingents.
- The scope of the exercise includes professional interaction, mutual understanding of drills & procedures, the establishment of joint command & control structures and elimination of terrorist threats.
- The exercise will enable sharing of best practices between the Armed Forces of SCO nations.
- The SCO currently comprises eight Member States (China, India, Kazakhstan, Kyrgyzstan, Russia, Pakistan, Tajikistan and Uzbekistan).



Reference: <https://www.indiatoday.in/india/story/peace-mission-2021-indian-army-sco-joint-military-exercise-russia-1853099-2021-09-15>

Katley as the State Fish

Question: which of the following state in India, has declared locally named Katley as the State fish?

a) Sikkim b) Assam c) Himachal Pradesh d) Arunachal Pradesh

Answer: (a)

Related Facts:-

- The Sikkim government has declared 'Copper Mahseer' locally named 'Katley' as the State fish.
- According to the Fisheries department in the State Katley is the local name of the fish which is botanically known as *Neolissochilus hexagonolepis*.
- This fish is also commonly known as Copper Mahseer is found in varied altitudes covering entire state predominantly confined in Teesta and Rangit rivers and their tributaries.
- To highlight the importance of this fish and to give emphasis to its conservation measures, it has declared as state fish by the Sikkim government.
- The fish has high market value and is highly preferred by the public in the State.



Links:-

<https://www.thehindu.com/news/national/other-states/sikkim-declares-katley-as-state-fish/article36547120.ece>

Indigenous submarine-launched ballistic missile (SLBM)

Question: Recently on 15 September 2021 which of the following country successfully tested an indigenous submarine-launched ballistic missile (SLBM)?

a) South Korea b) North Korea c) Japan d) India

Answer: (a)

Related Facts:-

- On 15 September 2021; South Korea has successfully completed an underwater test-launch of an indigenous submarine-launched ballistic missile (SLBM).
- South Korea's Defense Ministry and Presidential Blue House announced about the successful completion of the test.



- South Korean President Moon Jae-in said that South Korea's upgrading of its missile capabilities.
- These capabilities are being developed by South Korea to deter North Korean provocation.
- Korean President also informed on the occasion that SLBM test has been conducted in accordance with the military's plan for bolstering its missile arsenal.
- According to President Moon Jae-in South Korea's enhanced missile power can be a sure-fire deterrent to North Korea's provocation.
- He is also in favour of continuing efforts to beef up South Korea's defense capabilities, including the development of various missiles.
- South Koreans believe that through their missile capabilities they can overwhelm North Korea's asymmetric force.
- Co-incidentally North Korea on the same day has fired two ballistic missiles, into the East Sea, through new launching system connected to train.

Links:-

<https://newsonair.com/2021/09/16/south-korea-successfully-tests-submarine-launched-ballistic-missile/>

Climate change could displace 200 to 250 million People by 2050

Question: Which International organisation has predicted that Climate Change could displace 200 to 250 million people by 2050?

- (a) World Health Organisation (b) World Bank (c) European Central Bank
(d) Asian development Bank

Answer: (b)

Related Facts:

- Climate change could push more than 200 million people to leave their homes by 2050 unless urgent action is taken, the World Bank has warned.
- Under the most pessimistic scenario, with a high level of emissions and unequal development, the report forecasts up to 216 million people moving within their own countries across the 6 regions.
- Those regions are Latin America, North Africa, Sub-Saharan Africa, Eastern Europe and Central Asia, South Asia, and East Asia and the Pacific.
- In the most climate-friendly scenario, with a low level of emissions and inclusive, sustainable development, the world could still see 44 million people being forced to leave their homes.



- Sub-Saharan Africa has been identified as the most vulnerable region due to desertification, fragile coastlines and the population's dependence on agriculture.

Reference: <https://www.firstpost.com/tech/science/adverse-effects-of-climate-change-will-push-216-million-people-to-migrate-by-2050-world-bank-report-9970041.html>

AUKUS : A new Military Alliance to deal with China's expansion in Indo-Pacific Region

Question: AUKUS a new trilateral security partnership for the Indo-Pacific region. Which country is not part of this alliance?

- (a) Australia (b) United Kingdom
(c) Austria (d) USA

Answer: (c)

Related Facts:

- Recently, The USA has announced a new trilateral security partnership for the Indo-Pacific, among Australia, the UK and the USA (AUKUS).
- This is new military alliance to deal with China's expansion in Indo-Pacific region.
- The security grouping AUKUS will focus on advancing strategic interests in the Indo-Pacific region.
- The major highlight of this arrangement is the sharing of USA nuclear submarine technology to Australia.
- AUKUS will also involve a new architecture of meetings and engagements between the three countries.
- It will have cooperation across emerging technologies : Applied Artificial intelligence, Quantum technologies and undersea capabilities.



Reference: <https://www.bbc.com/news/world-58564837>

World's largest Plant designed to suck carbon dioxide

Question: What is the name given to the World's largest plant, designed to suck carbon dioxide?

- a) Cobra b) Orca c) Carbfix d) None of these

Answer: (b)

Related Facts:-

- The world's largest plant designed to suck carbon dioxide out of the atmosphere has now come into the operation.



- Constructed by Swiss company Climeworks and Icelandic company Carbfix the plant is known as Orca and is located in Iceland.
- Climeworks co-CEO and co-founder Christoph Gebald said that it was a big achievement to reverse climate change.
- He said that Orca, now become a reality and it is a result of concerted efforts from every stakeholder involved.
- **Working process of Orca:**
- The plant works by using industrial vacuums to suck climate-warming gases out of the air.
- Those gases are then stored underground and converted to stone within two years.
- Climeworks has said that the plant will be able to remove 4,000 tonnes (approximately 4,409 tons) of carbon dioxide every year.
- According to the company Construction on this plant began in May of 2020 using stackable, container-sized units.

Links:-

<https://www.ecowatch.com/carbon-capture-plant-iceland-2654967188.html>

OneWeb's launched another set of 34 Satellites

Question: With which of the following country Arianespace company belongs to?

a) Kazakhstan b) France c) Russia d) UK

Answer: (b)

Related Facts:-

- On 14 September 2021; OneWeb's launched another set of 34 satellites into Low Earth Orbit (LEO).
- The launch of these satellites was carried out by the French space company Arianespace from the Baikonur Cosmodrome in Kazakhstan.
- With this latest launch by OneWeb there are now total 322 satellites set into the arrangement in-orbit constellation.
- This number is nearly half of OneWeb's entire 648 LEO satellite fleet that will deliver high-speed, low-latency global connectivity.
- With this launch, Arianespace also celebrates passing the mark of 1,000 satellites successfully launched to space.
- **OneWeb**
- OneWeb is a global communications company headquartered in London.



- The company is building a capability to deliver broadband satellite internet services worldwide.
- **Satellite constellation for Internet services:**
- The OneWeb's satellite constellation is a planned initial 648 satellite constellation which is in the process of being completed in 2022.
- The company has come up with a goal to provide global satellite Internet broadband services to people everywhere.
- The constellation is being deployed by OneWeb, headquartered in London, with offices in California, Florida, Virginia, Dubai and Singapore.

Links:-

<https://www.livemint.com/companies/news/oneweb-launches-34-more-satellites-nears-halfway-fleet-mark-11631678112891.html>

A new technique to Control Growth of Mosquitoes

Question: Researchers from where in the world have developed a CRISPR-based system that can safely suppress mosquito vectors through sterilization?

a) Bangaluru b) Hyderabad c) California d) London

Answer: (c)

Related Facts:-

- Recently scientists have created a new technology for controlling mosquitoes.
- They have used for this purpose CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats).
- The precision-guided sterile insect technique alters genes linked to male fertility and female flight in *Aedes aegypti* mosquito.
- This species is responsible for spreading diseases including dengue fever, chikungunya and Zika.
- This new CRISPR-based system that can safely suppress mosquito vectors through sterilization and has been developed by Researchers from California.
- This new technique is also known as precision-guided sterile insect technique (pgSIT).
- pgSIT builds deployable mosquitoes that can reduce populations using a CRISPR-based technique
- It changed genes related to male fertility-producing sterile offspring-and female flight of *Aedes aegypti*.
- Disease-carrying female mosquitos become flightless and it also sterilizes the male mosquitoes as pgSIT uses CRISPR.



Links:-

<https://www.sciencedaily.com/releases/2021/09/210910121630.htm>

First India-Australia 2+2 Foreign and Defence Ministerial Meeting held in New Delhi

Question: Recently, with which country, India has held a 2+2 Ministerial Dialogue for the first time?

(a) Japan (b) USA (c) Russia (d) Australia

Answer: (d)

Related Facts:

- India will host the first-ever 2+2 Ministerial Dialogue with Australia in New Delhi.
- Australian Foreign Minister Marise Payne and Defence Minister Peter Dutton from the Australian side will meet with External Affairs Minister (EAM) S Jaishankar and Defence Minister Rajnath Singh.
- The Afghanistan crisis was on the top of the agenda of the India-Australia 2+2 dialogue.
- The ministers also discuss on economic security, climate, cyber, supply chains, critical technology, and exploring new areas in Artificial Intelligence (AI) and unmanned vehicles.
- 2+2 Ministerial is the highest-level institutional mechanism between the two countries.



Reference: <https://www.thehindu.com/news/international/india-australia-hold-inaugural-22-talks-afghanistan-situation-boosting-strategic-ties-on-agenda/article36400326.ece>

Indian Navy and Royal Australian Navy begin 4th edition of AUSINDEX exercise

Question : Which edition of the bilateral naval exercise between Australia and India, AUSINDEX 2021 took place ?

a) 1st b) 2nd c) 3rd d) 4th

Answer : (4th)

Related facts :

- The 4th edition of AUSINDEX, a bilateral navy exercise between the Indian Navy and the Royal Australian Navy.
- It aims to strengthen peace in Indo-Pacific region



- Indian Navy Task Group comprising IN Ships Shivalik and Kadmat is part of the exercise.
- The fourth edition of AUSINDEX exercise includes complex surface, sub-surface and air operations between ships, submarines, helicopters and long-range maritime patrol aircraft (MPA) of the two participating navies.
- The first edition of the exercise took place in 2015 at Visakhapatnam, India.

Reference: <https://www.livemint.com/news/india/australias-biennial-ausindex-maritime-warfare-exercises-to-commence-this-week-11630917104898.html>

OneWeb signed a MoU to Distribute satellite services in India

Question: Which of the following satellite networking company and OneWeb, the low Earth orbit satellite communications company have recently signed a MoU to distribute satellite services in India?

a) Hughes Network Systems b) Juniper Network c) EchoStar d) None of these

Answer: (a)

Related Facts:-

- OneWeb and Hughes Network Systems have signed a MoU for the Low Earth satellite service in the US and India.
- It should be known that Hughes Network Systems is the US based satellite networks company.
- Hughes is an innovator in satellite and multi-transport technologies and networks for 50 years.
- OneWeb is Bharti (Indian Telcom Company) backed low Earth orbit satellite communications company of Britain.
- In India, these companies have entered into an MOU for a strategic agreement to distribute services to large enterprises, small and medium businesses, government, telcos and ISPs in the rural and remote parts of the country.
- Services will be offered by Hughes Network Systems, LLC, and Hughes Communications India Private Ltd, respectively.
- Hughes and OneWeb intend to work together to broaden distribution globally, with Hughes to offer OneWeb's low-latency, high-speed connectivity.



Links:-

<https://oneweb.net/media-center/hughes-and-oneweb-announce-agreements-for-low-earth-orbit-satellite-service-in-u-s-and-india>

Naval Anti Drone System (NADS)

Question: With which of the following Indigenous company Indian navy has signed an agreement on 31 august 2021 for acquiring Naval Anti Drone System (NADS)?

- a) Bharat Electronics Limited (BEL) b) Bharat dynamics Limited (BDL)
c) Reliance Naval and Engineering Limited (RNAVAL) d)
None of these

Answer: (a)

Related Facts:-



- On 31 august 2021; agreement for acquiring Naval Anti Drone System (NADS) was signed in the presence of senior officers of BEL, DRDO and Indian Navy.
- With this agreement, Indian Navy has now secured the deal for the supply of NADS with Bharat Electronics Limited(BEL)
- The agreement covers mobile and static versions of the NADS system, the mobile version is mounted on a truck.
- This will be the first indigenous Anti Drone System (NADS) with hard and soft killer capabilities to be acquired by the Indian Navy.
- The Naval Anti Drone System (NADS) has been developed by Defense Research and Development Organization (DRDO) and India Electronics Ltd.
- India has developed this indigenous anti-drone technology to keep a close eye on the enemies looking towards the country.
- The technology, which this drone system is equipped with, is latest and therefore capable in providing security to the country's border.
- These anti-drone systems will also be part of Prime Minister Narendra Modi's security.
- It should be noted that the Pakistan's terrorists are nowadays are using Chinese-made commercial drones,
- The use these drone to send weapons across the Line of Control and International Border to Jammu and Kashmir.
- In view of this, DRDO has developed entry drone technology, which allows enemy drones to be captured in a few minutes.

Links:-

<https://theprint.in/defence/navy-signs-contract-with-bel-to-procure-indias-first-indigenous-naval-anti-drone-system/725726/>

Rare Merger of Three Jumbo Black Holes

Question: In which of the following constellation a team of astrophysicists in India have recently spotted a rare merging of three Supermassive Black Holes?

a) Toucan b) Hydra c) Ursa Major d) The big bear

Answer: (a)

Related Facts:-



- A team of astrophysicists in India have recently spotted a rare merging of three Supermassive Black Holes.
- These black holes have been observed in the centers of three galaxies located in the Toucan constellation.
- The discovery came when the astrophysicists from Indian Institute of Astrophysics were observing the merging of two galaxies.
- These merging galaxies were named as NGC7733 and NGC 7734 and located in our celestial neighborhood.
- Astrophysicists detected unusual emissions from the centre of the NGC 7734 when they found the curious movement of a large bright clump within it.
- They found that this new clump of light is nothing but a new galaxy having a different velocity than that of NGC7733.
- After confirming with some other observations that this was a separate galaxy, the scientists named it NGC7733N.
- There are Supermassive black holes, which are several million solar masses in size, at the centres of these galaxies.
- These black holes are known as Active Galactic Nuclei, since the black holes accrete matter; they often have a glow around them.
- It should be known that the Glow around a black hole can be observed using light spectroscopy.
- The report about these black holes was published in the journal Astronomy and Astrophysics.
- According to the author of the paper the discovery happened by chance during the observation of barred spiral galaxies NGC7733 and NGC7734.
- Astronomers said that they were studying the active galactic nuclei in these two massive galaxies which surprisingly led them to the detection of the third.
- **Final Parsec Problem**
- The Astronomers explained that if two galaxies collide, their black hole will also come closer by transferring the kinetic energy to the surrounding gas.

- The distance between the black holes decreases with time until the separation is around a parsec (3.26 light-years).
- The two black holes are then unable to lose any further kinetic energy to get even closer and merge. This is known as the final parsec problem.
- Now as the astronomers detected the third black hole near these two, there is no problem now.
- The two can come closer when another black hole or a star passes by and takes away some of their combined angular momentum
- Thus, the dual merging black holes will merge with each other in the presence of a third.

Links:-

<https://www.thehindu.com/sci-tech/science/indian-astrophysicists-spot-rare-merger-of-three-jumbo-black-holes/article36132122.ece>

New High-rate Bio Methanation Technology

Question: In which of the following city CSIR -Indian Institute of Chemical Technology (IICT) is located?

a) Hyderabad b) New Delhi c) Chennai d) Ahemdabad

Answer: (a)

Related Facts:-

- Scientists have developed a new high-rate bio methanation technology for the integrated treatment of sewage.
- It is useful for all types of organic solid waste with concomitant generation of biogas, bio manure and reusable water.
- On 03 September the Department of Science and Technology (DST) informed the details about this technology.
- An integrated model plant comprising of AGR and NF technologies has been established at CSIR-IICT, Hyderabad.
- The plant will function for simultaneous treatment of sewage and organic solid waste for the generation of value-added products such as biogas, bio manure, and reusable water.
- The technology is field-tested and working continuously for the past two years.
- According to the experts the technology has decentralised application across India.
- Solid and liquid wastes are the major challenges being faced by big cities and by areas witnessing rapid urbanization.



- An integrated treatment of sewage along with organic solid waste can help evolve a sustainable technology to overcome solid and liquid waste disposal issues.
- The technology has been jointly developed by A Gangagni Rao, and S Sridhar, chief scientist and senior principal scientist respectively at the CSIR-Indian Institute of Chemical Technology (IICT).
- This high-rate bio methanation tech based on Anaerobic Gas lift Reactor (AGR) technology.
- It will be used for the treatment of organic solid waste and concomitant generation of biogas and bio manure along with nanofiltration (NF) setup.
- This integrated and sustainable sewage and organic solid waste treatment system can be used for treating groundwater and wastewater.
- This treatment system is therefore useful in generating potable and reusable water respectively.
- The technologies, supported by the "Waste Management Technology" programme of the Department of Science and Technology (DST), have received national patents individually.
- Instead of sending the organic solid waste and liquid waste to common bigger facilities in the city, those can be treated at source in a decentralised manner.
- Urban and local bodies and gated communities comprising around 50,000 to 1,00,000 population can benefit from this technology.

Links:-

<https://dst.gov.in/new-high-rate-biomethanation-technology-integrated-treatment-sewage-organic-solid-waste-useful>

ISRO successfully conducted Propulsion System test for the Service Module of the Gaganyaan

Question: In which of the following state of India, test facility of ISRO Propulsion Complex (IPRC), Mahendragiri, is located?

a) Karnataka b) Tamil Nadu c) Andhra Pradesh d) Kerala

Answer :(b)

Related Facts:-

- On August 28, 2021, ISRO successfully conducted Propulsion System test for the Service Module of the Gaganyaan.
- It was the first hot test of the System Demonstration Model (SDM) of the Gaganyaan Service Module Propulsion System for a duration of 450 s.



- It was conducted at the test facility of ISRO Propulsion Complex (IPRC), Mahendragiri, Tamil Nadu.
- The system performance met the test objectives and there was a close match with the pre-test predictions.
- Further, a series of hot tests are planned to simulate various mission conditions as well as off-nominal conditions.
- The Service Module is part of the Gaganyaan Orbital module and is located below the crew module and remains connected to it until re-entry.
- The Service Module (SM) Propulsion System consists of a unified bipropellant system.
- It is consisting of 5 nos. of 440 N thrust engines and 16 nos. of 100 N Reaction Control system (RCS) thrusters with MON-3 and MMH as Oxidizer and Fuel respectively.
- The System Demonstration Model (SDM), consisting of 5 nos. of 440 N engines and 8 nos. of 100 N thrusters, was realized to qualify the propulsion system performance in ground.
- A new test facility is established at IPRC, Mahendragiri for testing the SDM.

Links:-

<https://www.isro.gov.in/update/28-aug-2021/successful-hot-test-of-gaganyaan-service-module-propulsion-system-%E2%80%93-system>

Sports

Hockey

Odisha will host the Men's Hockey Junior World Cup

Question: Which of the following State will host the Men's Hockey Junior World Cup?

(a) Uttar Pradesh (b) Odisha (c) Tamil Nadu (d) Maharashtra

Answer: (b)

Related Facts:

- Odisha will host the Men's Hockey Junior World Cup at the Kalinga Stadium.
- The tournament will be held from 24 November to 5 December 2021.
- Naveen Patnaik, Chief Minister of Odisha, unveiled the logo and the trophy for the event.



- 16 nations will participate in this event including India.
- Remaining 15 nations are Korea, Malaysia, Pakistan, South Africa, Egypt, Belgium, England, France, Germany, the Netherlands, Spain, USA, Canada, Chile and Argentina.
- **Extra Facts:**
- The Governor of Odisha is Ganeshi Lal.
- 96th Constitutional Amendment Act substituted the word Oriya by the word Odia.

Reference: <https://sportstar.thehindu.com/hockey/odisha-to-host-fih-hockey-men-junior-world-cup-bhubaneshwar-2021-india-news-updates/article36633580.ece>

Football

CR7 has become the highest goal scorer in international football

Question: Which of the following footballer has become the highest goal scorer in international football?

- (a) Cristiano Ronaldo (b) Lionel Messi (c) Sunil Chhetri
(d) Neymar jnr

Answer: (a)

Related Facts:



- Five times Ballon d'Or winner Cristiano Ronaldo (CR7) has become the record highest goal scorer in international football.
- The former Real Madrid and Juventus legend and the current Manchester United forward has now 111 international goals, breaking a record of 109 goals previously held by Iran's Ali Daei.
- Seven times Ballon d'Or winner, the former Barcelona legend and current PSG Forward Messi has 76 international goals in 149 games is now placed 9th all-time goal-scorer's list.

Reference: <https://www.goal.com/en-in/lists/cristiano-ronaldo-top-20-international-goalscorers-all-time/1rr9rvhlbe7zz1jrj4oj9cakgf>

Chess

Raja Rithvik becomes 70th Grandmaster of India

Question: Recently, who has become India's 70th Grandmaster in Chess?

- (a) Raja Rithvik (b) Jha Sriram (c) Saptarshi Roy Chowdhury (d) Praveen M Thipsay

Answer: (a)

Related Facts:

- Raja Rithvik has become India's 70th and latest chess Grandmaster, achieving his third and final Grandmaster norm during a competition in Hungary.
- He won the GM title at the Vezerkepzo Grandmaster Chess Tournament in Budapest, Hungary. In this way he became the 70th Grandmaster of the country.
- Viswanathan Anand became the first grandmaster from India in 1988.



Reference: <https://indianexpress.com/article/sports/chess/raja-rithvik-becomes-indias-70th-gm-maestro-anand-congratulates-him-7523297/>

Billiards, Snooker & Squash

Pankaj Advani wins 24th world title

Question: How many times did Pankaj Advani win the 'IBSF World Billiards Championship'?

(a) 22 (b) 24 (c) 6 (d) None of these

Answer: (b)

Related Facts:



- Pankaj Advani grabbed his 24th world title when he triumphed at the IBSF 6-Red Snooker World Cup with a victory over Pakistan's Babar Masih in the final.
- Advani, who won his 11th Asian title last week, started the final with a comfortable 42-13 win in the opening frame.
- Babar drew parity by winning the second 38-14.
- The 36-year-old won the third and fourth in quick succession to go 3-1 up.

Reference: <https://indianexpress.com/article/sports/sport-others/pankaj-advani-wins-his-24th-world-title-in-doha-7525737/>

Formula One

Lewis Hamilton wins the Russian Grand Prix 2021

Question: Recently, Who has won the Russian Grand Prix 2021?

(a) Lewis Hamilton (b) Max Verstappen (c) Lando Norris (d) None of these

Answer: (a)

Related Facts:

- Lewis Hamilton wins the Russian Grand Prix 2021 and achieved his 100th Formula One Grand Prix.
- Hamilton also took over the championship lead from Max Verstappen, who finished second after starting the race last on the grid.
- Carlos Sainz finished in the third spot while Daniel Ricciardo and Valtteri Bottas completed the top five in the race.



Reference: <https://www.news18.com/news/sports/lewis-hamilton-wins-100th-f1-grand-prix-at-russia-lando-norris-endures-heartbreak-4248377.html>

Athletics

Harmilan Kaur sets new record in 1500m race at National level

Question: Who has set new national record in women's 1500m race?

(a) Sunita Rani (b) Busan Asiad (c) Harmilan Kaur (d) None of these

Answer: (c)

Related Facts:

- Harmilan Kaur has created a new national record in the women's 1500m race by clocking 4:05.39 to bag the gold at the 60th National Open Athletics Championships
- National Open Athletics Championships held at the Jawaharlal Nehru Stadium, Hanamkonda in Warangal, Telangana.
- She has broken the 19-year-old record held by Sunita Rani in 1500m at the 2002 Asian Games in Busan by clocking 4:06.03.
- KM Chanda of Delhi was second with a time of 4:18.24s.
- Deeksha of Madhya Pradesh was third clocking 4:21.34s.



Reference: <https://indianexpress.com/article/sports/sport-others/national-open-athletics-day-2-harmilan-shatters-19-year-old-national-record-in-womens-1500m-7513747/>

Sports Miscellaneous

The word 'batsman' removed from cricket forever

Question: Recently, Batsman word has been removed from the cricket, From which of the following word it has been replaced ?

(a) Batman (b) Batshuman (c) Batter (d) None of these

Answer: (c)

Related Facts:

- There has been a big change in the rules of cricket. Now in this game the batsman will be called Batter.
- The purpose of this sudden change in the rules of cricket is to give equal status to women and men cricketers.
- Now instead of 'batsman' for both men and women, the word 'gender neutral' 'batter' will be used with immediate effect.

Reference: <https://www.theguardian.com/sport/2021/sep/22/batters-laws-of-cricket-to-be-amended-to-use-gender-neutral-terms>

Sports Personality

Lasith Malinga announced retirement from all forms of cricket

Question: Recently, Which Sri Lankan Cricketer has been announced his retirement from all forms of cricket?

(a) Lasith Malinga (b) Kusal Mendis (c) Angelo Mathews (d) Kusal Perera

Answer: (a)

Related Facts:

- Sri Lankan legend Lasith Malinga has announced his retirement from all forms of the cricket.
- Widely regarded as one of the best death bowlers to have stepped in the field, Malinga is bidding farewell to the sport after playing 30 Tests, 226 Odi's and 84 T20I matches.
- Lasith Malinga was the first bowler to bag 100 T20I wickets.
- Malinga, one of the best T20 bowlers of all time, was a crucial figure in the teams he represented in the Indian Premier League, Big Bash League, Caribbean Premier League.



Reference: <https://www.timesnownews.com/sports/cricket/ipl/article/got-many-fans-in-india-rest-of-the-world-by-playing-for-mumbai-indians-lasith-malinga/813871>

ICC Men's Player of the Month for August 2021 : Joe Root

Question: Who won the ICC Men's Player of the Month for August 2021?

(a) Risabh Panth (b) Virat Kohli (c) Joe Root (d) Steve Smith

Answer: (c)

Related Facts:

- Joe Root named ICC male Players of the Month for August 2021.
- Root was voted the ICC Men's Player of the Month for August for his consistent performances in the Test series against India that was part of the next cycle of the ICC World Test Championship.
- **Note:**
- The Indian wicketkeeper-batsman Risabh Panth has won the inaugural ICC Player of the Month award 2021.
- Greg Barclay is the current Chairman of ICC.
- The headquarter of ICC is in Dubai, United Arab Emirates.



Reference: <https://www.icc-cricket.com/news/2244745>

Jeev Milkha Singh became 1st golfer in world to be granted Dubai Golden Visa

Question: Who became first Golfer in the world to be granted Dubai Golden Visa?

(a) Jeev Milkha Singh (b) Tiger Woods (c) Paul Pogba (d) Jon Rahm

Answer: (a)

Related Facts:

- Jeev Milkha Singh becomes first golfer in world to be granted Dubai Golden Visa.
- During the 2001 Dubai Desert Classic, Jeev had established a world record at that time when he completed the four rounds with just 94 putts while finishing tied sixth.
- The Golden Visa was instituted by the UAE government in 2019 as a new system.
- It allowed investors (minimum of AED 10 million) and entrepreneurs, as well as professionals and specialised talents like in the field of science, knowledge and sports, to apply for



it.

- Bollywood stars Shah Rukh Khan and Sanjay Dutt have also received their visas.

Reference: <https://www.thehindu.com/sport/other-sports/indias-jeev-milkha-singh-becomes-first-golfer-in-world-to-be-granted-10-year-dubai-golden-visa/article36359224.ece>

Daniel Ricciardo wins F1 Italian Grand Prix 2021

Question: Who won Italian Grand Prix 2021 at Monza ?

(a) Daniel Ricciardo (b) Lando Norris (c) Lewis Hamilton (d) Max Verstappen

Answer: (a)

Related Facts:

- Australian Daniel Ricciardo won Italian Grand Prix at Monza.
- Lando Norris came second while Valtteri Bottas came third in the F1 race.
- Daniel Ricciardo took the advantage of a collision between Lewis Hamilton and Max Verstappen which eliminated both championship rivals.
- Italian Grand Prix is the 5th oldest Grand Prix (after the French Grand Prix, the American Grand Prize, the Spanish Grand Prix, and the Russian Grand Prix.



Reference: <https://www.hindustantimes.com/sports/others/daniel-ricciardo-wins-italian-grand-prix-at-monza-in-mclaren-one-two-finish-101631458220224.html>

Pramod Bhagat wins first ever para badminton gold for India.

Question: Pramod Bhagat who won historic badminton gold in the Paralympics participated in which category of para-badminton?

(a) SL4 (b) SL3 (c) SL5 (d) SL6

Answer : (b)

Related facts :

- Reigning world champion Pramod Bhagat claimed a historic gold medal in the men's singles SL3 class.
- He defeated great Britain's Daniel Bethell in the final .
- With badminton making its debut at the Paralympics this year, Bhagat, the current world No. 1, became the first Indian to win a gold medal in the sport.
- In 2019, he received the Arjuna Award and Biju Patnaik Award for Excellence in Sports in India.
- What is the SL3 class?



- Players who have impairment in one or both lower limbs and poor walking/running balance.
- Players are offered to play in 6 different categories regarding their deficiency. They are WH1, WH2, SL3, SL4, SL5 and SL6.
- In the same category, Manoj Sarkar bagged the bronze medal for India.

Reference: <https://indianexpress.com/article/sports/sport-others/tokyo-paralympics-pramod-bhagat-first-badminton-gold-india-7488797/>

Short Notes

Personalities

Debabrata Mukherjee elected chief of Audit Bureau of Circulations

Question: Recently, who has been elected as the chief of Audit Bureau of Circulations?

- (a) Aditya Mukherjee (b) Pratap G. Pawar (c) Debabrata Mukherjee
(d) None of these

Answer: (c)

Related Facts:

- The chief marketing officer of United Breweries, Debabrata Mukherjee, was unanimously elected chairman of the Audit Bureau of Circulations.
- Audit Bureau of Circulations is a non-profit circulation-auditing organisation.
- It certifies and audits the circulations of major publications, including newspapers and magazines in India.



Reference: <https://www.hindustantimes.com/business/debabrata-mukherjee-elected-chairman-of-audit-bureau-of-circulations-101632493279243.html>

K Kasturirangan

Question – On 21 September 2021, the Ministry of Education constituted the National Steering Committee under whose chairmanship to prepare the National Curriculum Framework?

- (a) Najma Akhtar (b) Govind Prasad Sharma (c) Mahesh Chandra Pant
(d) Dr.K. Kasturirangan

Answer—(d)

Related facts—

- The Ministry of Education has formed the National Steering Committee(NSC) for the development of National Curriculum Frameworks(NCF) on 21-9-2021.
- NSC has formed under chairmanship of K Kasturirangan.
- He is an Indian space scientist who headed the Indian Space Research Organisation (ISRO) from 1994 to 2003.
- **Main functions of the committee —**
- As per the perspectives of the NEP 2020, the NSC will develop four National Curriculum Frameworks- i.e., the National Curriculum Framework for School Education, National Curriculum for Early Childhood Care and Education, National Curriculum Framework for Teacher Education and National Curriculum Framework for Adult Education.
- The NSC will discuss different aspects of School Education, Early Childhood Care and Education (ECCE), Teacher Education and Adult Education keeping in focus all the recommendations of NEP 2020 related to these four areas for proposing curriculum reforms.
- The NSC will discuss the position papers finalised by the National Focus Groups on different aspects of all the above four areas.
- The NSC will draw inputs from State Curriculum Frameworks received on the Tech Platform for the National Curriculum Frameworks.
- All the NCF would also reflect upon the implications of situations such as COVID-19 Pandemic on respective areas for future.
- While convening its meetings, committee(NSC) may invite subject experts, scholars, educationists, etc. as and when required and deliberate and decide upon the course of actions with the objective to meet the timelines of the strategy for the development of NCF.
- The Committee will finalise NCF after incorporating suggestions received from various stakeholders, i.e., states/UTs and also in the meetings of Executive Committee (EC) and General Body (GB) of the NCERT and Central Advisory Board on Education(CABE).



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756800>

WHO : Appointment for Ambassador for Global Health Financing

Question – Recently who has been appointed as the ambassador of the World Health Organization for global health financing ?

(a) Dr. Tedros Adhanom (b) Gordon Brown (c) Boris Johnson (d) none of these

Answer—(b)

Related facts—

- The World Health Organization today(20 September 2021) announced the appointment of The Rt Hon Gordon Brown, former Prime Minister of the United Kingdom, as WHO Ambassador for Global Health Financing.
- He is widely credited with preventing a second Great Depression through his stewardship of the 2009 London G20 summit.
- He mobilized world leaders to commit more than 1 trillion dollar fund(an additional amount to restore credit, growth and jobs) to help the world economy through the global financial crisis.
- More recently, he has tirelessly called on wealthy nations as well as the private sector to ensure the equitable distribution of vaccines for pandemic, advocating for a concerted global effort — rooted in science and sound economics – to save lives, end the pandemic and restore livelihoods the world over.

Link:

<https://www.who.int/news/item/20-09-2021-former-u.k.-prime-minister-gordon-brown-appointed-world-health-organization-ambassador-for-global-health-financing>

Rajiv Aggarwal

Question – The Director of Public Policy of Facebook India(20 September 2021) is :-

- (a) Arabi Das (b) Deepak Agarwal (c) Rajeev Agarwal
(d) Parag Gupta

Answer—(c)

Related facts—

- On 20 September 2021, former IAS officer Rajiv Agarwal was appointed as the Director of Public Policy of Facebook India.
- He will replace Ankhi Das in this post.
- Prior to this, he served as Head of Public Policy for India and South Asia at Uber, an online taxi service provider.
- Rajiv Agarwal's role at Facebook India will focus on user protection, data security and privacy, inclusion and internet governance.
- He will report to Ajit Mohan, Vice President and Managing Director, Facebook India in this role.



Link:

<https://www.businesstoday.in/latest/corporate/story/facebook-india-appoints-former-ias-officer-rajiv-aggarwal-as-public-policy-director-307110-2021-09-20>

Yediyurappa named best legislator in Karnataka

Question: Who has been named best legislator in Karnataka?

- (a) B S Yediyurappa (b) Umesh Vishwanath katti (c) Prabhu Chauhan (d) Basavaraj Bommai

Answer: (b)

Related Facts:

- The Karnataka Legislative Assembly Friday named former chief minister B S Yediyurappa the best legislator of the year 2020-21.
- Yediyurappa served the state as a chief minister four times and stepped down on July 26 2021.
- Lok Sabha Speaker Om Birla, who was present at the joint sitting of the Karnataka legislature, presented Yediyurappa a memento.
- **Extra Facts:**
- Basavaraj Somappa Bommai is the current and 23rd Chief Minister of Karnataka.



Reference: <https://www.deccanherald.com/state/karnataka-politics/former-karnataka-cm-bs-yediyurappa-wins-maiden-best-legislator-award-1033800.html>

Akhara Parishad chief Narendra Giri passed away

Question: Who was the president of Akhil Bharatiya Akhada Parishad , found dead in Prayagaraj?

- (a) Narendra Giri (b) Mahendra Giri (c) Anand Giri (d) Dharmendra Giri

Answer: (a)

Related Facts:

- Mahant Narendra Giri, the president of Akhil Bharatiya Akhada Parishad, was found dead at Baghambari Muth in Prayagraj.
- He ended his life allegedly by suicide and it was made public. The suicide note, running into almost 8 pages, reveals that the seer was deeply disturbed but does not mention clearly the incidents that drove him to take the extreme step.
- In 2016 Narendra Giri first took over as chief of the Akhara Parishad.



- In 2019, Giri was elected chief of the Parishad for a second time.

Reference: <https://www.dnaindia.com/india/report-know-about-president-akhil-bharatiya-akhara-parishad-mahant-narendra-giri-whose-death-has-left-entire-country-in-deep-shock-2912143>

Aziz Akhannouch named as Morocco's new PM

Question: Who has been appointed as the new Prime Minister of Morocco?

- (a) Saadeddine Othmani (b) Abdelilah Benkirane (c) Aziz Akhannouch
(d) None of these

Answer: (c)

Related Facts:

- Aziz Akhannouch has been appointed as the new Prime Minister of Morocco.
- He has been appointed by Moroccan King Mohammed VI.
- His Party secured 102 out of the 395 seats in the parliament election.
- He was Minister of Agriculture from 2007 to 2021 in the previous Government.



Reference: <https://frontline.thehindu.com/dispatches/aziz-akhannouch-named-as-moroccos-new-pm/article36401088.ece>

Justin Trudeau to remain Canada PM

Question: Name the Prime Minister of Canada who has won the 3rd tenure after winning general election?

- (a) Pierre Trudeau (b) Boris Jhonson (c) Stephen Harper (d) Justin Trudeau

Answer: (d)

Related Facts:

- Canada Prime Minister Justin Trudeau has won the third term to serve as the PM.
- Trudeau is the second-youngest prime minister in Canadian history after Joe Clark.
- The Liberal Party was leading or elected in 158 seats — one more than they won 2019, and 12 short of the 170 needed for a majority in the House of Commons.
- The Capital of Canada is Ottawa.

Reference: <https://timesofindia.indiatimes.com/world/rest-of-world/trudeau-to-remain-canada-pm-but-without-a-stronger-mandate/articleshow/86414661.cms>.

Yogesh Singh

Question : Who has recently(September 2021) appointed as Vice-Chancellor of Delhi University ?

a. Yogesh Singh b. Dinesh Singh c. Deepak Pantal d. None of the above

Ans. a.

Related facts —

- Yogesh Singh has recently(September 2021) appointed as Vice-Chancellor of Delhi University.
- President of India who is the Visitor to central universities has approved the appointment of two Vice Chancellors.
- While Yogesh Singh will be the VC of Delhi University, Neelima Gupta has been appointed to the post at Dr Hari Singh Gaur Vishwavidyalaya, Sagar(Madhya Pradesh).



Link:

<https://economictimes.indiatimes.com/news/india/yogesh-singh-appointed-as-vice-chancellor-of-delhi-university/articleshow/86429317.cms>

Vivek Ram Chaudhary to be next Air Marshal of the Indian Air Force

Question: Who will be the next Air Marshal of the Indian Air force?

(a) Vivek Ram Chaudhary (b) RKS Bhaduria (c) Anil Khosla (d) None of these

Answer: (a)

Related Facts:

- Vice Chief of the Indian Air Force Air Marshal, Vivek Ram Chaudhary has been appointed the next Chief of Air Staff.
- The current Chief of Air Staff Air Chief Marshal RKS Bhaduria will retire from the service on September 30, 2021.
- He was commissioned in the fighter stream of the IAF in December 1982.
- He is decorated with Param Vishisht Seva Medal (PVSM), Ati Vishisht Seva Medal (AVSM) and Vayu Sena Medal (VM).
- The motto of Indian Air force is "Touch the sky with Glory".



Reference: <https://zeenews.india.com/india/air-marshal-vr-chaudhari-to-be-next-iaf-chief-rks-bhadauria-to-retire-on-september-30-2395944.html>

Charanjit Singh Channi : Next Chief Minister of Punjab

Question: Who has been elected as next CM of Punjab?

- (a) Charanjit Singh Channi (b) Amarinder Singh (c) Banwarilal Purohit
(d) Navjot Singh Sidhu

Answer: (a)

Related Facts:

- Charanjit Singh Channi has elected as new Chief Minister of Punjab.
- He was the technical education minister of Punjab in Amarinder Singh Government.
- He is an MLA from the Chamkaur Sahib assembly constituency.
- He will become Punjab's first Dalit chief minister.
- Banwarilal Purohit is the governor Of Punjab.



Reference: <https://www.livemint.com/news/india/charanjit-singh-channi-to-be-next-chief-minister-of-punjab-says-congress-11632053956111.html>

Time magazine's list of the 100 most influential people of the year 2021

Question – On 15 September 2021, Time Magazine released the list of 100 most influential people of the year 2021. Which Indian is not included in this list?

- (a) Narendra Modi (b) Adar Poonawalla (c) Mamata Banerjee (d) Mukesh Ambani

Answer—(d)

Related facts —

- On 15 September 2021, Time Magazine released the list of 100 most influential people of the year 2021.
- **Key points —**
- The list has been divided by the magazine into categories like Pioneers, Titans, Artists, Leaders, Innovators and Icons etc.
- **Persons —**
- Ngozi Okonjo-Iweala (the first woman Director General of the WTO), US President Joe Biden, Chinese President Xi Jinping, US Vice President Kamala Harris, Italian Prime Minister Mario Draghi, Israel Prime Minister Naftali Bennett, Former US President



Donald Trump and Indian Prime Minister Narendra Modi and West Bengal Chief Minister Mamata Banerjee have been included in the Leaders category this year.

- Adar Poonawalla, CEO of Serum Institute of India, has been included in the category of Pioneers.

Link:

<https://time.com/collection/100-most-influential-people-2021/>

Telangana HC : IRDAI Chairman's jurisdiction issue

Question : Which of the following High court has recently (september 2021) slammed IRDAI Chairman for appointing official without jurisdiction ?

- a. Telangana High Court b. Andhra Pradesh High Court
c. Karnataka High Court d. Madras High Court

Ans. a.

Related facts —

- Telangana High Court has recently(september 2021) slammed IRDAI Chairman for appointing official without jurisdiction.
- It is notable that in 2014, the IRDAI chairman had relaxed the minimum qualification requirement from a fellow chartered accountant(FCA) to the chartered financial analyst(CFA) for an appointment of a candidate to a senior joint director(now known as chief general manager) position.
- The matter reached the Telangana High Court over a long-fought issue wherein the IRDAI promoted Mamta Suri as chief general manager instead of promoting S Jayasimhan.
- The High Court order termed Suri's promotion illegal, with effect from 2014, and asked the insurance regulatory to inter-alia delete ICWAI and CFA as qualifications in Finance & Investment streams, making inter-CA, ACA, and FCA and not CFA as eligible qualifications.
- It is notable that CFA is a course offered by ICAI or the Institute of Chartered Financial Analyst of India.
- This course is offered for imparting investment and financial management, whereas FCA means a qualification attained by an associate chartered accountant after putting five years of practice as an accountant after qualifying ACA.



Link:

<https://economictimes.indiatimes.com/industry/banking/finance/insure/telangana-hc->

Tanya Chadha

Question : Which of the following person has been announced as COO of Mcapital in September 2021 ?

a. Tanya Chadha b. Jiya Chavhan c. Ravi Ayyapan d. Manish Arora

Ans. a.

Related facts —

- Mcapital, the lending business of Mswipe, has recently(September 2021) announced the appointment of Tanya Chadha as its COO.
- Her appointment as chief operating officer(COO) comes at a time when Mswipe is gearing up for an NBFC license.
- With over 16 years of experience in financial services and credit, Chaddha will oversee building a loan book of Rs 1 Billion by March 2022.
- Tanya will focus on accelerating efforts towards technology innovation and driving new product strategy and growth of the Mcapital.
- Tanya Chadha was formerly the vice president – lending product and business processes at Mcapital.
- It is notable tha Mumbai based Mswipe began operations in 2011.
- The key investors of the company include B Capital, UC-RNT, Falcon Edge Capital, Matrix Capital Partners, DSG Partners and Epiq Capital.



Link:

<https://economictimes.indiatimes.com/industry/banking/finance/mswipes-lending-business-appoints-tanya-chadha-as-coo/articleshow/86395726.cms>

Amit Punchhi

Question : Which of the following person has been announced as President of Loop Health in September 2021 ?

a. Amit Punchhi b. Ravi Bajaj c. Ajay Bhardwaj d. Habil Khorakiwala

Ans. a.

Related facts —

- Amit Punchhi has been announced as President of 'Loop Health' in September 2021.

- He has 30 years of experience in global financial services and was most recently part of the executive council at HDFC Life as CBO and CIO.
- As CEO of RGA in Hong Kong, Punchhi led various businesses across multiple countries between 2010 and 2017.
- He will bring experienced leadership to the Loop Health's mission of transforming corporate health insurance.
- **Loop Health —**
- It is a new-age healthcare provider in India combining high-quality primary care and insurance for employers.
- The startup enables businesses to help their employees get better healthcare services by providing members with access to preventative care and a team of doctors at any time, through its mobile app.



Link:

<https://economictimes.indiatimes.com/industry/healthcare/biotech/healthcare/loop-health-appoints-hdfc-lifes-amit-punchhi-as-president/articleshow/86392755.cms>

DDCA appointed retired Judge Indu Malhotra as new Ombudsman

Question: Who has been appointed as the new Ombudsman of DDCA (The Delhi and District Cricket Association)?

(a) Rohan Jaitley (b) Indu Malhotra (c) Sudhi Ranjan Das (d) Sharad Arvind Bobdo

Answer: (b)

Related Facts:

- Justice Indu Malhotra, former judge of the Supreme Court of India, has been appointed as the Ombudsman cum Ethics Officer by the DDCA (The Delhi and District Cricket Association).
- She has been appointed for a period of one year.
- She was unanimously recommended for appointment as a Supreme Court judge after serving as legal counsel in the Supreme Court for 30 years.

Reference: <https://www.indiatoday.in/law/story/ddca-ret-d-judge-indu-malhotra-ombudsman-cum-ethics-officer-1853248-2021-09-16>

Bhupendra Patel elected as new Chief Minister of Gujarat

Question: Who has been sworn in as the new Chief Minister of Gujarat?

(a) Vijay Rupani (b) Bhupendra Patel (c) Acharya Devvrat (d) Anandiben Patel

Answer: (b)

Related Facts:

- Bhupendra Patel, a first-time MLA, has been sworn in as the new Chief Minister of Gujarat.
- His name was proposed by CM Vijay Rupani, who resigned from the post.
- Patel had won the 2017 Gujarat Assembly polls from the Ghatlodia constituency.
- He defeated Congress candidate Shashikant Patel by over one lakh votes and it was the highest winning margin in 2017 Gujarat polls.
- **Note :**
- Acharya Devvrat is the current Governor of Gujarat.



Reference: <https://m.economictimes.com/news/politics-and-nation/bhupendra-patel-elected-as-new-chief-minister-of-gujarat/videoshow/86138389.cms>

Sumit Tayal

Question : GiveIndia is a non profit organisation in India. It is an online donation platform and aims to channel and provide resources to credible non-governmental organisations across India. It recently appointed which person as new COO to scale its operations ?

a. Sumit Tayal b. Anirban Jain c. Venkat Krishnan d. Pratul Satija

Ans. a.

Related facts —

- GiveIndia has recently (September 2021) appointed Sumit Tayal as new COO to scale its operations.
- It is notable that GiveIndia is a non profit organisation in India. It is an online donation platform and aims to channel and provide resources to credible non-governmental organisations across India.
- About Tayal's profile —
- Tayal, most recently the COO of data and insights firm Netscribes, brings two decades of experience in management consulting, private equity and business operations to GiveIndia.
- Earlier, Tayal led the India investment team for Helix Investments, a US based private equity fund and consulted for multiple Indian corporates at KPMG.



- He holds a management degree from IIM Bangalore and a B.E. from NIT, Nagpur.

Link:

<https://economictimes.indiatimes.com/news/company/corporate-trends/giveindia-appoints-sumit-tayal-as-new-coo-to-scale-its-operations/articleshow/86065491.cms>

Hari Krishna Agarwal

Question : Recently who has been appointed as MD by Grasim Industries?

a. Hari Krishna Agarwal b. Dilip Gaur c. Prajesh Goyal d. None of the above

Ans. a.

Related facts —

- Aditya Birla Group flagship firm Grasim Industries Ltd has appointed Hari Krishna Agarwal as its Managing Director with effect from December 1, 2021, following request for early retirement by incumbent Dilip Gaur.
- The board of directors of the company at its meeting held on September 1, 2021 had accepted the request of Gaur for an early retirement.
- Earlier in February this year, the board had approved the reappointment of Gaur as MD for a period of one year with effect from April 1, 2021.
- Gaur had joined the Aditya Birla Group (ABG) in 2004 after spending 24 years at Hindustan Unilever Ltd.



Link:

<https://economictimes.indiatimes.com/news/company/corporate-trends/grasim-industries-appoints-appoints-hari-krishna-agarwal-as-md/articleshow/85920699.cms>

Tamannaah Bhatia wrote a book promoting ancient Indian practices

Question : Which Indian actress unveiled her book titled “Back to the roots” ?

a) Priyanka Chopra Jonas b) Tamannaah Bhatia c) Samantha Akkineni
d) Keerthy Suresh

Answer : (b)

Related facts :

- Actress Tamannaah Bhatia launched her book ‘Back to the Roots.
- She has co-authored the book with celebrity lifestyle coach Luke Coutinho.



- The book is based on intensive research and mentions India's ancient secrets of health and wellness.
- "Back To The Roots", published by Penguin Random House India (PRHI).
- The actress recently made her television debut with MasterChef Telugu.

Reference : <https://www.thehindu.com/entertainment/movies/tamannaah-bhatia-turns-author-writes-book-promoting-ancient-indian-practices/article36054384.ece/amp/>

Suhas LY became First IAS officer to win medal in Paralympic Games.

Question: Who became the first IAS officer to win a medal in PARALYMPIC?

- a) SuhasLalinakereYathiraj b) DevendraJhajharia c) Krishna Nagar
d) PramodBhagat

Answer 😊 a)

Related Facts:

- The district magistrate of GautamBuddh Nagar (Noida), SuhasLalinakereYathiraj clinched the silver medal at badminton in Tokyo.
- He became the first-ever IAS officer to have not only participated but also won a medal in the Paralympics.
- He wins a silver medal in the men's singles badminton SL4 event.
- **What is SL4?**
- Players who have impairment in one or both lower limbs and minimal impairment in walking/running balance (better walking/running compared to SL3).
- Players are classified into six different classes determined by the Badminton World federation. They are WH1, WH2, SL3, SL4, SL5 and SL6.
- Para badminton is recognised as a Paralympic sport and for the very first time included at the Tokyo Paralympic Games 2021.



References : <https://www.livemint.com/sports/olympics-news/noida-dm-suhas-l-yathiraj-scripts-history-wins-silver-medal-at-tokyo-paralympics/amp-11630805827497.html>

JB Mohapatra appointed as an acting chairman of CBDT

Question : Who has been appointed as an interim chairman of Central Board of Direct Taxes ?

- (a) J B Mohapatra (b) Jamuna Prasad Singh (c) Pramod Chandra Mody
(d) Sushil Chandra

Answer : (a)

Related Facts :



- J B Mohapatra has been appointed the interim chairman of the Central Board of Direct Taxes (CBDT) for a term of 3 months.
- Mohapatra, a 1985-batch Indian Revenue Service (Income Tax) officer.
- The CBDT Chairperson is usually the senior most IRS (IT) officer of the senior most batch.
- The CBDT provides inputs for policy and planning of direct taxes in India, and is also responsible for administration of direct tax laws through the Income Tax Department.
- The Chairperson of Central Board of Direct Taxes (CBDT) is the Special Secretary to the Government of India and also cadre controlling authority of the Indian Revenue Service (Income Tax).
- The CBDT provides inputs for policy and planning of direct taxes in India, and is also responsible for administration of direct tax laws through the IT Department.
- There is no fixed tenure of CBDT chairman and members but term can be extended.
- CBDT chairman advises the Finance Minister of India.
- He represents the Finance Ministry at important tax-based conferences at UN and OECD.
- **Note:**
- CBDT was established in 1963.
- Jamuna Prasad Singh was the 1st chairman of CBDT.
- Pramod Chandra Mody was the longest serving chairman.

Reference: <https://www.thehindubusinessline.com/news/jb-mohapatra-named-acting-chairman-of-cbd/article34692341.ece>

Raul Rebello

Question : Whose name was announced by Mahindra Finance as its new COO(Chief Operating Officer) on 1st September 2021 ?

a. Raul Rebello b. LVLN Murty c. H K Agarwal
d. Divya Rathi

Ans. a.

Related facts —

- Mahindra Finance on September 1 announced Raul Rebello as its new Chief Operating Officer(COO) with immediate effect.
- He is a career banker with nearly two decades of extensive work in the domain of rural banking and financial inclusion.
- He is credited with several transformational interventions viz introducing various end-to-end digital initiatives and paperless loan journeys for low-income households besides launching suitable phygital tools and customer journeys.



Link:

<https://economictimes.indiatimes.com/news/economy/finance/mahindra-finance-appoints-raul-rebello-as-coo/articleshow/85831063.cms>

Mahmood Mamdani

Question : Indian-origin author Mahmood Mamdani has recently (September 2021) been shortlisted for the British Academy Book Prize for Global Cultural Understanding. For which of his book has he been shortlisted for this award ?

- a. Neither Settler nor Native b. Settlers and Native c. The Final Touch
d. None of the above

Ans.a.

Related facts —

- Indian-origin author Mahmood Mamdani has recently (September 2021) been shortlisted for the British Academy Book Prize for Global Cultural Understanding.
- He has been shortlisted for his book 'Neither Settler nor Native: The Making and Unmaking of Permanent Minorities'.
- The book is described as an in-depth inquiry into political modernity, colonial and postcolonial, and an exploration of the roots of violence that has plagued postcolonial society.



Link:

<https://mg.co.za/friday/2021-08-20-review-mahmood-mamdani-on-the-non-national-state/>

Atul Bhatt

Question: Who has been appointed as the CMD of Rashtriya Ispat Nigam Limited in September 2021?

a. Atul Bhatt b. Vinay Sharan c. D K Mohanty d. P K Rath

Ans. a.

Related facts —

- Atul Bhatt has been appointed as the CMD of RINL in September 2021.
- Earlier he was the CMD of state-owned consultancy firm MECON.
- He has taken the place of P k Rath as CMD.
- P K Rath retired as CMD RINL on May 31, after serving the company for more than 35 years.
- It is noteworthy that RINL(Rashtriya Ispat Nigam Limited) is disinvestment-bound steel company.



Link:

<https://economictimes.indiatimes.com/industry/indl-goods/svs/steel/government-appoints-atul-bhatt-as-cmd-of-rinl/articleshow/85874843.cms>

RBI appoints Neeraj Chopra for banking fraud awareness campaign

Question: Whom has Reserve Bank of India appointed for banking fraud awareness campaign?

(a) Neeraj Chopra (b) PV Sindhu (c) Lovelina Borgohain (d) Mirabai Chanu

Answer: (a)

Related facts:

- Reserve Bank of India has roped in Neeraj Chopra for banking fraud awareness campaign.
- The campaign will make aware people against digital banking frauds that includes avoiding share individuals OTP, CVV, ATM Pin with anyone.



- The Reserve Bank of India was established on April 1, 1935 in accordance with the provisions of the Reserve Bank of India Act, 1934.
- RBI was set up on the basis of the recommendations of the Hilton Young Commission.

Links:

<https://economictimes.indiatimes.com/industry/banking/finance/banking/neeraj-chopra-roped-in-for-rbi-awareness-campaign/articleshow/85204252.cms?from=mdr>

Dale Steyn

Question: Dale Steyn who has announced retirement from all forms of cricket has played for which national side?

(a) South Africa (b) New Zealand (c) England (d) Australia

Answer: (a)

Related facts:

- South African cricketer Dale Steyn has announced his retirement from all forms of cricket.
- The 38-year-old South African pacer has last played for South Africa in T20 vs Australia in February 2020.
- In the Indian Premier League (IPL), he had played for the Royal Challengers Bangalore (RCB) side.
- He has played 93 Tests, 125 ODIs and 47 T20Is since his international debut in 2004.
- He holds the record for the fastest bowler to take 400 Test wickets (80 matches), bagged 439 wickets in the longest format, 196 wickets in the ODIs and 64 wickets in T20 internationals.



Links:

<https://www.icc-cricket.com/news/2239894>

Awards & Honors Shanti Swarup Bhatnagar Prize

Question: In which of the following field Shanti Swarup Bhatnagar Prize is awarded?

- (a) Literature
- (b) Science and technology
- (c) Peace

(d) Economy

Answer: (b)

Related Facts:

- Shanti Swarup Bhatnagar Prize for science and technology 2021, were announced during the 80th foundation day of the Council for Scientific and Industrial Research (CSIR).
- Every year, CSIR presents this award to scientists below 45 years of age for their contributions in biology, chemistry, mathematics, physics, medicine, engineering and earth, atmosphere, ocean and planetary sciences.
- The award comprises a cash prize of Rs 5 lakh.
- The Prize is bestowed on a person who, in the opinion of CSIR, has made conspicuously important and outstanding contributions to human knowledge and progress fundamental and applied, in the particular field of endeavour, which is his/her specialization.



Reference: <https://www.hindustantimes.com/india-news/assam-scientist-bags-shanti-swarup-bhatnagar-award-for-work-on-carbon-quantum-dots-101632799375091.html>

Planning & Project

Launching of Mumbai's Climate Action Plan

Question : First Major City in India and South Asia which recently launch its Climate Action Plan is —

a. Mumbai b. New Delhi c. Kathmandu d. Colombo

Ans. a.

Related facts —

- Mumbai has recently (September 2021) Launched Its Climate Action Plan and becomes the First Major City in India and South Asia to Do So.
- It is notable that Municipal Corporation of Greater Mumbai (MCGM) is developing the Climate Action Plan to be completed after public consultation within two months.
- In this regard Mumbai Climate Action Plan (MCAP) website has already been launched.



<https://mcap.mcgm.gov.in>

- The MCAP will focus on six action tracks to introduce sector-specific strategies for mitigation and adaptation that can lead to implementable climate projects that contribute to the city's resilience.
- These are — sustainable waste management, urban greening and biodiversity, urban flooding and water resource management, building energy efficiency, air quality, and sustainable mobility.
- Mumbai took the lead to draft its Climate Action Plan by the end of 2021 in compliance with the guidelines and ambitious standards of 'C40' that it joined in December 2020.
- MCGM is receiving technical support from the World Resources Institute India (WRI), engaged as a knowledge partner.

Link:

<https://weather.com/en-IN/india/environment/news/2021-08-28-mumbai-launches-its-climate-action-plan>

Launch of Dashboard to monitor the implementation of 'SVAMITVA Scheme'

Question : On which of the following date a dashboard was launched by the concerned minister(Giriraj Singh) to monitor the implementation of the 'SVAMITVA Scheme' ?

- a. 14 September 2021 b. 16 September 2021 c. 18 September 2021
d. None of the above

Ans. a.

Related facts —

- On September 14 2021 a Dashboard launched by the concerned Minister(Giriraj Singh) to monitor the implementation of the 'SVAMITVA Scheme'.
- Dashboard is actually the website — <https://svamitva.nic.in/>
- A national meet on "SVAMITVA Scheme: A Stepping-Stone Towards Upliftment of Rural Economy" was also inaugurated at SCOPE Convention Center, SCOPE Complex in New Delhi on the above date.
- It is notable that the year 2025 is deadline of 'SVAMITVA Scheme'.
- SVAMITVA will provide a sense of ownership to the rural people and they can avail the loan with the help of an SVAMITVA card.
- It will prove to be important in connecting the deprived people with the mainstream of society.
- The work of state of Uttar Pradesh and Madhya Pradesh were appreciable at the forefront in the implementation of the Scheme.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1754831>

Ayushman Bharat Digital Mission

Question : Ayushman Bharat Digital Mission(ABDM) has been launched on September 27, 2021. Accordingly, which of the following statement(s) is/are correct ?

Statements —

1. It will increase the ease of living
2. It will connect digital health solutions of hospitals across the country
3. Citizens of the country will now get a digital health ID

Options —

a. Only 1. b. Only 2. c. Only 3. d. All of the above

Ans. d.

Related facts —

Ayushman Bharat Digital Mission(ABDM) has been launched on September 27, 2021.

Key points —



1. It will increase the ease of living
2. It will connect digital health solutions of hospitals across the country
3. Citizens of the country will now get a digital health ID
4. The health record of every citizen will be digitally protected.
5. Through the Digital Health ID, the patient himself and the doctor can also check the old records if needed.
6. Not only this, there will also be registration of colleagues like doctors, nurses, paramedics.
7. The hospitals, clinics, labs, medicine shops in the country, all these will also be registered. This mission will bring every stakeholder related to health together, on a single platform.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1758558>

Innovation Mission Punjab

Question – Which one of the given options is not correct regarding Innovation Mission Punjab?

- (a) Punjab Chief Minister Captain Amarinder Singh launched this mission on 1 September 2021.
- (b) The mission aims to make Punjab one of the top three states in terms of innovation.
- (c) The mission will also create a global pool of ambassadors and partners to attract investment, consultancy and market access.
- (d) The State Government will provide a guarantee of 15 percent of the fund and up to Rs.15 crore to encourage the investors to invest initially.

Answer—(d)

Related facts —



- Punjab Chief Minister Captain Amarinder Singh launched the 'Innovation Mission Punjab' on 1 September 2021.
- The mission aims to make Punjab one of the top three states in terms of innovation.
- The mission will also create a global pool of ambassadors and partners to attract investment, consultancy and market access.
- The state government will initially provide 10 per cent of the corpus and guarantee up to Rs 10 crore to encourage investors.
- The mission will focus on supporting businesses in various sectors including healthcare, pharma and biotech, food and agriculture, manufacturing, media and entertainment.
- It is notable that the Punjab has a burgeoning entrepreneurial ecosystem with 450 startups and 20+ incubators.
- Besides, the Innovation Mission Punjab will act as a catalyst to strengthen by rallying rally all the stakeholders viz academia, incubators, investors, startups, government, progressive farmers, sports people, media, industry and corporate.

Link:

<http://diprpunjab.gov.in/?q=content/punjab-cm-launches-%E2%80%99innovation-mission-punjab%E2%80%99-boost-start-sector>

Launch of 'Public Eye App' and 'Mission Gaura Shakti' App

Question – In which state 'Public Eye App' and 'Mission Gaura Shakti' app for women's safety was launched on 9 September 2021?

- (a) Haryana (b) Madhya Pradesh (c) Uttarakhand (d) Himachal Pradesh

Answer—(c)

Related facts —

- Uttarakhand CM Pushkar Singh Dhami has launched 'Public Eye App' and 'Mission Gaura Shakti' app for women's safety launched on 9 September 2021.
- On this occasion, the Chief Minister also flagged off the MG-1 mountaineering campaign being run by SDRF for environmental protection, covid awareness, disposal of harmful garbage and identification of risky places.
- Here MG-1 refers to Mount Gangotri-1.
- **Mission Gaura Shakti Abhiyan —**
- Under Mission Gaura Shakti Abhiyan, effective action in incidents like eve-teasing, self-defense training to the girl child and grievance redressal mechanism will be strengthened.
- Under Mission Gaura Shakti Abhiyan, the victim can get immediate police assistance by dialing in the event of an emergency.
- Complaints can be filed virtual medium through audio, video and text messages.
- Through the app, women can also contact on other official social media accounts of the police.
- **Public Eye App —**
- The people can send their complaints as well as photos or videos of criminal or law-violating acts happening around them and send them to the Uttarakhand police.
- The complainants can know about the progress of the complaint made by them in the past and the action taken on it.
- Complaints can be lodged regarding cybercrime. In relation to any kind of traffic problem or road accident, photo or video can be made and uploaded for action.



Link:

<http://uttarainformation.gov.in/press.php>

Building up of 330 MW of solar project in Neemuch Solar Park

Question : Which firm has recently(September 2021) received a Letter of Award for 330 MW solar project in Neemuch Solar Park ?

a. Tata Power/TPSL b. Reliance Power c. Suzlon Power d. None of the above

Ans. a.

Related facts —

- TPSL has recently(September 2021) received a Letter of Award from Rewa Ultra Mega Solar Limited for setting up of 330 MW solar project in Neemuch Solar Park.

- It is notable that TPSL(TP Saurya Limited) is a wholly-owned subsidiary of Tata Power.
- This project has been awarded through tariff-based competitive bidding followed by e-reverse auction.
- Power purchase agreement(PPA) —
- The energy will be supplied to the Indian Railways and the Madhya Pradesh Power Management Company Limited under PPA valid for a period of 25 years.



Link:

<https://economictimes.indiatimes.com/industry/renewables/tata-power-arm-gets-letter-of-award-for-330-mw-solar-project/articleshow/85863595.cms>

iRaste : an Artificial intelligence-Powered Project Can help to reduce accidents

Question: Which Union Minister has launched the road safety Project iRASTE?

- (a) Jyotiraditya M. Scindia (b) Nitin Jairam Gadkari (c) Narendra Modi
(d) Ashwini Vaishnaw

Answer: (b)

Related Facts:

- Union Minister for Road Transport, Nitin Gadkari launched Artificial intelligence powered road safety project 'iRASTE'.
- iRASTE stands for Intelligent Solutions for Road Safety through Technology and Engineering.
- The objective of this project is to reduce road accidents, understand the factors responsible for these events and come up with solutions to mitigate them.
- This Project is collaborative effort between the government, INAI, intel, INAI, IIIT –Hyderabad, CSIR-CRRI(Central Road Research institute), Mahindra & Mahindra and Nagpur Municipal Corporation(NMC).
- This project has been launched on a pilot basis in Nagpur, Maharashtra with the aim of reducing accidents by 50 per cent in the city.



Reference: <https://www.deccanherald.com/business/business-news/iraste-project-aims-reducing-road-accidents-finding-factors-responsible-intel-india-head-1029918.html>

Commissioning of 250 MW solar project in Rajasthan

Question : On which date ReNew Power announced the commissioning of 250 MW capacity of its Interstate Transmission System(ISTS) solar generation project in Jaisalmer ?

- a. September 09, 2021 b. September 06, 2021 c. September 04, 2021
d. None of the above

Ans. d.

Related facts —

- ReNew Power announced the commissioning of 250 MW capacity of its Interstate Transmission System(ISTS) solar generation project in Jaisalmer on September 09, 2021.
- The project has a total generation capacity of 300 MW, which was won by ReNew Power in tranche 3 of the competitive auction conducted by the Solar Energy Corporation of India(SECI).
- The remaining 50 MW capacity to be commissioned by the end of this month.
- The project will provide clean electricity to the state of Bihar at a rate of Rs 2.55/kWh (USD 0.035).
- The project is also expected to provide direct employment to around 600 people.
- **About ReNew Power —**
- It is India's leading renewable energy Independent Power Producer (IPP) and is the 10th largest global renewable IPP by operational capacity.
- IT develops, builds, owns, and operates utility-scale wind and solar energy projects and distributed solar energy projects.
- The parent holding company, ReNew Energy Global, was listed on NASDAQ in August 2021.



Link:

<https://economictimes.indiatimes.com/industry/renewables/renew-power-commissions-250-mw-solar-project-in-rajasthan/articleshow/86071295.cms>

SBI bank launched Kavach Personal Loan Scheme for their customers

Question: Which bank has launched Kavach Personal Loan Scheme?

- (a)PNB bank (b)SBI bank (c)HDFC bank (d)ICICI bank

Answer : (b)

Related facts :

- The country's largest lender, State Bank of India (SBI), offered 'Kavach Personal Loan' to provide relief to its customers who are facing financial challenges due to covid related treatment costs.
- Kavach Personal loan is a collateral-free offering by SBI, under which a maximum of Rs 5 lakh loan can be availed at 8.5 per cent per annum for 5 years.
- This loan covers the expenses of COVID treatment of self and family members of the customer.
- The maximum tenure of a kavach personal loan is 60 months (including a moratorium of 3 months).
- This loan can be availed with zero processing fee.
- **Where to Apply for the loan?**
- SBI Branch; Pre-approved through YONO.



Reference : https://wap.business-standard.com/article-amp/finance/sbi-to-offer-kavach-personal-loans-at-8-5-for-covid-stressed-customer-121061100957_1.html

Approval of Production Linked Incentive (PLI) Scheme for Textiles

Question : Government has recently (September 2021) approved Production Linked Incentive (PLI) Scheme for Textiles. Accordingly, how much Incentives will be provided to industry over five years ?

a. Rs. 10,683 crore b. Rs. 8,683 crore c. Rs. 6,683 crore d. Rs. 4,683 crore

Ans. a.

Related facts —

- Government has recently (September 2021) approved Production Linked Incentive (PLI) Scheme for Textiles.
- Accordingly, Incentives worth Rs. 10,683 crore will be provided to textiles industry over five years.
- **Other key points —**
- Leveraging Economies of Scale, the scheme will help Indian companies to emerge as Global Champions.
- With the scheme, India is poised to regain its dominance in Global Textiles Trade.
- Help create additional employment of over 7.5 lakh people directly and several lakhs more for supporting activities.
- PLI Scheme will also pave the way for participation of women in large numbers.



- It is expected that this scheme will result in fresh investment of above Rs 19,000 crore and additional production turnover of over Rs.3 lakh crore in five years.
- Scheme will positively impact especially States like Gujarat, UP, Maharashtra, Tamil Nadu, Punjab, AP, Telangana, Odisha etc.
- Higher priority would be given for investment in Aspirational Districts & Tier 3/4 towns.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1753118>

Treaty & Agreements

IPPB and LICHFL tie up for home loan

Question : On which date IPPB(India Post Payments Bank) and LICHFL(LIC Housing Finance Ltd) announced a strategic partnership for providing home loan products to over 4.5 crore customers of IPPB ?

- a. 7 September 2021 b. 15 September 2021 c. 19 September 2021
d. None of the above

Ans. a.

Related facts —

- On 7 September 2021, IPPB (India Post Payments Bank) and LICHFL (LIC Housing Finance Limited) announced a strategic partnership to provide home loan products to over 4.5 crore customers of IPPB.
- It is notable that LIC Housing Finance Ltd, offers home loan starting from 6.66% for loans up to Rs 50 lakh for salaried individuals.
- Through its robust and extensive network of 650 branches and more than 136,000 banking access points, IPPB will make LICHFL's home loan products accessible to its customer's pan-India.
- IPPB's on-ground workforce of nearly 200,000 postal employees (Postmen and Gramin Dak Sevaks) equipped with micro ATMs and biometric devices through its innovative Doorstep Banking Service will play a significant role in offering LICHFL's housing loans.



Link:

<https://www.ippbonline.com/web/ippb/news-and-media>

HDFC Life & Exide Life deal

Question : Which one of the following statement(s) is/are true regarding HDFC Life & Exide Life deal ?

Statements —

1. HDFC Life has recently(September 2021) agreed to buy Exide Life Insurance for Rs 6,687 crore.
2. Of the total amount some of would be paid by issuing 8.7 crore shares of HDFC Life to the target company's parent
3. This makes it the third biggest insurance M&A deal in India.

Options —

a. Only 1. b. Only 2. c. Only 3. d. Only 1. & 2.

Ans. d.

Related facts —



- HDFC Life has recently(September 2021) agreed to buy Exide Life Insurance for Rs 6,687 crore.
- The rest would be paid by issuing 8.7 crore shares of HDFC Life to the target company's parent.
- This makes it the third biggest insurance M&A deal in India.
- On completion of the deal, Exide Industries will hold a 4.1% stake in HDFC Life and mortgage lender HDFC Ltd, which holds 49.9% stake in HDFC Life, will see its stake come down to 47.9%.
- The proposed sale is expected to be completed before June 2022.

Link:

<https://www.hdfclife.com/about-us/media-centre>

Signing of MoU on White Shipping Information Exchange

Question : On which date the MoU on White Shipping Information Exchange was signed between the Indian Navy and the Royal Navy of Oman ?

- a. 27 September 2021 b. 26 September 2021 c. 25 September 2021
d. 24 September 2021

Ans. a.

Related facts —

- The Agreement(MoU) on White Shipping Information Exchange was signed between the Indian Navy and the Royal Navy of Oman on 27 September 2021.



- The MoU was signed at Maritime Security Center (MSC), Muscat during the ongoing visit of the CNS to Oman.
- The white shipping information refers to the exchange of prior information on the movement and identity of commercial non-military MVs.
- Here MVs stands for — Merchant Vessels

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1758612>

Indo-US Health Dialogue 2021

Question : Which edition of 'Indo-US Health Dialogue' has been addressed by Dr. Bharati Pravin Pawar(Union Minister of State for Health and Family Welfare) on September 27, 2021 ?

a. Fourth b. Third c. Fifth d. Sixth

Ans. a.

Related facts —

- The fourth edition of the 'Indo-US Health Dialogue' was addressed by Dr. Bharti Praveen Pawar (Union Minister of State for Health and Family Welfare) on September 27, 2021.
- The two-day Dialogue will be leveraged as a platform to deliberate upon multiple ongoing collaboration in the health sector between USA and India.
- The issues planned for deliberations —
- It encompass areas of concern pertaining to strengthening of epidemiological research and surveillance, vaccine development, One Health, zoonotic and vector-borne diseases, health systems and health policies etc.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1758539>

Data-sharing Agreement

Question : REC Limited and J-PAL South Asia has recently(September 2021) enter Data-sharing Agreement. What is the aim of this agreement ?

a. To improve consumer service delivery and ensure reliable electricity supply
b. To set up a solar power plant c. Both a. & b. d. None of the above

Ans. a.

Related facts —

- REC Limited and J-PAL South Asia has recently(September 2021) enter Data-sharing Agreement.
- Agreement aims to improve consumer service delivery and ensure reliable electricity supply to consumers.
- Under this partnership, REC and J-PAL South Asia will collaborate to leverage existing data on DISCOMS' services to diagnose trends and identify gaps in the quality of power supply.
- REC and J-PAL South Asia will address the challenges faced by DISCOMS that emerge from this yearly assessment as well as pilot and test potential solutions using randomised evaluations.
- J-PAL South Asia will also conduct scoping studies to evaluate the effectiveness of innovative solutions like smart metering for more accurate and transparent billing systems as well as other programmes undertaken by REC.
- Through this partnership, REC and J-PAL South Asia aim to provide a transparent and evidence-based channel for DISCOMS to identify gaps in their services as well as ensure a more reliable supply of power to households in line with the Electricity (Rights of Consumers) Rules of 2020.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1756980>

Agreement between SIDBI and Government of Assam

Question : Which of the following is not the main focus of the agreement between SIDBI and the Government of Assam ?

- (a) Startup (b) Cluster Development and Livelihoods
(c) Enterprise Promotion (d) Expansion of infrastructure facilities

Answer—(d)

Related facts —

- SIDBI has recently(September 2021) collaborated with Government of Assam for development of MSMEs.
- **Focus area of this agreement is —** startups, cluster development and livelihood and enterprise promotion.



- According to CM of Assam, cluster programme should have twining with One District One Product model such that niche areas of state can be brought up in the value chain, thus helping those at the bottom of pyramid.
- It is notable that SIDBI has set up Project Management Units(PMUs) in 11 states namely, Assam, Andhra Pradesh, Rajasthan, Gujrat, Haryana, Maharashtra, Delhi, Uttar Pradesh, Uttarakhand and Tamil Nadu as recommended by the Expert Committee on MSMEs for a more focused engagement of SIDBI with State Governments for infrastructure projects in clusters.

Link:

<https://www.sidbi.in/files/pressrelease/BL-Press-Release-SIDBI-collaborates-with-Government-of-Assam.pdf>

Approval to the MoU between India and Italian Republic

Question : The Union Cabinet chaired by the Prime Minister has recently(September 2021) approved the MoU between India and Italian Republic. Accordingly, which of the following statement is correct ?

Statements —

1 MoU is related to Disaster Risk Reduction and Management

2 MoU was signed in June 2021

Options —

a. Only 1 b. Only 2 c. Both 1 & 2 d. None of the above

Ans. c.

Related facts —



The Union Cabinet chaired by the Prime Minister has recently(September 2021) approved the MoU between India and Italian Republic.

Key points of the MoU —

1. The MoU on Cooperation in the Field of Disaster Risk Reduction and Management which was signed between the NDMA of the Republic of India and the Department of Civil Protection of the Presidency of the Council Ministers of the Italian Republic.
2. The MoU seeks to put in place a system, whereby both India and Italy will benefit from the Disaster Management mechanisms of each other and it will help in strengthening the areas of preparedness, response and capacity building in the field of Disaster Management.
3. The MoU was signed in June 2021.

Link:

<https://pib.gov.in/PressReleaseDetail.aspx?PRID=1755064>

INS Tabar undertook a Maritime Partnership Exercise

Question: With the Navy of which of the following country On 10 September 2021; INS Tabar undertook a Maritime Partnership Exercise?

a) Australia b) Sudan c) Nigeria d) Japan

Answer: (b)

Related Facts:-



- On 10 September 2021; INS Tabar undertook a Maritime Partnership Exercise with ships of the Sudanese Navy in the Red Sea off Sudanese coast.
- Two Sudanese Navy ships, Almazz and Nimer, participated in this maiden exercise with the Indian Navy.
- The exercise involved multiple activities covering a wide range of naval operations, these included co-ordinated maneuvering, replenishment at sea RAS drills.
- Other activities i.e. helo operations, operations for interdicting suspect vessels at sea and communication procedures etc. were also performed.
- As part of her ongoing overseas deployment (OSD) to Europe and Africa, INS Tabar undertook such a kind of Maritime Partnership Exercise.
- The exercise enhanced interoperability between the two navies significantly.
- It also widened the scope for combined operations against common maritime threats in future.
- The exercise culminated with a Steam Past between ships of the navies, as per naval customs.

Links:-

<https://indiannavy.nic.in/content/ins-tabar-conducts-maritime-partnership-exercise-sudanese-navy>

Indian Air Force partnered with an IIT for Academic Collaboration

Question: On 08 September 2021; Indian Air Force signed a MoU with which of the following IIT for Academic Collaboration?

a) IIT Kanpur b) IIT Delhi c) IIT Ropar d) None of these

Answer: (a)

Related Facts:-

- On 08 September 2021 a Memorandum of Understanding (MoU) was signed between IIT Kanpur and Indian Air Force for academic collaboration.

- The MoU was signed, at the Air Force Headquarters, New Delhi, in the presence of Air Marshal Vibhas Pande Air Officer-in-Charge Maintenance (AOM) and the Director IIT Kanpur Prof. Abhay Karandikar.
- The rationale behind the partnership is to establish long term relationship for academic and research-based interactions.
- The partnership will work for interchange of technical knowledge to foster knowledge development and promote breakthrough innovations in the domain of Aerospace Technology.
- It will also create new forefronts and strengthen the Atma Nirbhar Bharat Mission and pave the way towards a self-reliant India.
- This engagement will leverage the access of immense experience and knowledge of distinguished IAF officers among IITK faculty, researchers, and students.
- It will also provide research grant to Ph.D scholars of Aerospace Engineering of IITK working in these areas.
- The Research Scholar Program (RSP) will establish a framework for mutual co-operation between two participating organizations.
- In this programme the qualified serving officers from the IAF will be eligible for direct admission to Ph.D, M.Tech and eMasters Programmes at IIT Kanpur.
- The officers will get the opportunity to undertake time bound research in the various departments of IIT Kanpur.



Links:-

<http://www.iitk.ac.in/new/signs-mou-with-indian-air-force-for-academic-collaboration>

Agreement between India and Portugal approved

Question : When was the agreement between India and Portugal approved for Indian citizens to work in the Republic of Portugal ?

- a. 8 September 2021 b. 4 September 2021 c. 2 September 2021
d. None of the above

Ans.a

Related facts —

- The Union Cabinet, chaired by Prime Minister Shri Narendra Modi, has recently(8 September 2021) approved the signing of an agreement on the



recruitment of Indian citizens to work in the Portuguese Republic between the Government of the Republic of India and the Government of Republic of Portugal.

- Under this agreement, a Joint Committee will be set up to follow up the implementation of the same.
- Signing this agreement with Portugal will add new destination for Indian migrant workers in an EU member nation, especially in the context of many Indian workers who have returned to India following the Covid-19 pandemic.
- It will provide new opportunities for skilled Indian workers and professionals.
- With the conclusion of this agreement, Portugal and India will have a formal arrangement for recruitment of Indian workers.
- Indian workers would have enhanced job opportunities to work in Portugal.
- The Government-to-Government mechanism proposed in the agreement will ensure that the movement of workers happens smoothly with the maximum support from both sides.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1753110>

Indian Navy and Algerian Navy took part in a Maritime Partnership Exercise

Question: Which of the following Indian navy Ship took part in a Maritime Partnership Exercise with Algerian Navy recently?

a) INS Tabar b) INS Shivalik c) INS Sahyadri d) INS Shardul

Answer: (a)

Related Facts:

- On 29 Aug 2021; Indian Navy and Algerian Navy took part in a Maritime Partnership Exercise.
- The exercise was conducted as part of INS Tabar's ongoing goodwill visit to Europe and Africa.
- Indian Navy Ship INS Tabar with Algerian Navy ship Ezzadger participated in this exercise.
- The landmark exercise held off the Algerian coast, which saw the diverse activities including coordinated maneuvering and communication procedures.
- As part of the exercise, steam past was undertaken between the Indian and Algerian warships.
- The exercise enabled the two navies to understand the concept of operations followed by each other.



- It will enhance the interoperability, and opened the possibility of increasing interaction and collaboration between them in future.

Links:-

<https://www.newindianexpress.com/nation/2021/aug/31/ins-tabar-participates-in-maritime-exercise-with-algerian-navy-2352291.html>

Associations & Organizations

21st Meeting of the Council of Heads of State of the Shanghai Cooperation Organisation

Question – Where was the 21st meeting of the Council of Heads of State of the Shanghai Cooperation Organization held on 17 September 2021 in a hybrid format?

(a) Shanghai (b) Jakarta (c) Ufa (d) Dunshabe

Answer—(d)

Related facts—



- The 21st meeting of the Council of Heads of State of the Shanghai Cooperation Organization was held on 17 September 2021 in a hybrid format.
- **Venue —** Dunshabe.
- The meeting was chaired by the President of Tajikistan, Emomali Rahmon.
- President of China Xi Jinping, President of Russia Vladimir Putin and heads of state of other member countries participated in this summit.
- Prime Minister Shri Narendra Modi addressed the Summit via video-link. At Dushanbe, India was represented by External Affairs Minister, Dr. S. Jaishankar.
- In his address, Prime Minister highlighted the problems caused by growing radicalisation and extremism in the broader SCO region, which runs counter to the history of the region as a bastion of moderate and progressive cultures and values.
- He noted that recent developments in Afghanistan could further exacerbate this trend towards extremism.
- While speaking about the importance of building connectivity in the region, Prime Minister stressed that connectivity projects should be transparent, participatory and consultative, in order to promote mutual trust.
- The SCO Summit was followed by an Outreach session on Afghanistan between SCO and the Collective Security Treaty Organisation (CSTO). Prime Minister participated in the outreach session through a video-message.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1755831>

Law & Justice

Tenure of Company Law Committee

Question : In September 2021, the government has extended the term of 'Company Law Committee' (formed in 2019) for how many years ?

a. One Year b. Two Year c. Three Year d. Four Year

Ans. a.

Related facts —

- Govt has recently(September 2021) extended the tenure of Company Law Committee by one year till Sept 2022.
- Last year, the Ministry of Corporate Affairs had extended the panel's tenure till September 17, 2021.
- It is to be noted that the committee has the power to inquire into various issues related to the implementation of the Companies Act and the Limited Liability Partnership Act and give its recommendations to the Government.
- Currently, the 11-member committee is chaired by Corporate Affairs Secretary Rajesh Verma.



Link:

<https://economictimes.indiatimes.com/news/economy/policy/govt-extends-tenure-of-company-law-committee-by-one-year/articleshow/86485493.cms>

Committee for Framing of New laws for Drugs, Cosmetics and Medical Devices

Question: Who has recently issued the order for the Constitution of Committee for Framing of New Drugs, Cosmetics and Medical Devices Act?

a) Ministry of Health and Family welfare b) Ministry of Home Affairs
c) Ministry of External Affairs d) None of these

Answer: (a)

Related Facts:-

- Government of India now has proposed to bring new laws for drugs, cosmetics and medical devices.



- On 27 August 2021; the Ministry of Health and Family welfare issued an order regarding the government's plan.
- The order is titled Constitution of Committee for Framing of New Drugs, Cosmetics and Medical Devices Act.
- In this order it was mentioned that the Union government has decided to constitute a committee for framing/preparation of New Drugs, Cosmetics and Medical Devices laws.
- The eight-member panel, headed by Drug Controller General of India V.G. Somani, is scheduled to submit a draft document by 30 November 2021.
- The other members of the panel are Rajiv Wadhawan (director, Ministry of Health and Family Welfare), Dr. S.E. Reddy (member) A.K. Pradhan (joint drug controller) etc.
- As per the order, the committee shall undertake pre-legislative consultations and examine the present Act.
- It will also examine previously framed Drugs and Cosmetics Bills and submit a draft document for a de-novo Drugs, Cosmetics and Medical Devices bill.

Links:-

<https://www.thehindu.com/news/national/panel-to-frame-new-drugs-cosmetics-and-medical-device-laws/article36362455.ece>

Year, Day & Week

World River Day : 26 September

Question: On which of the following date World River Day is observed?

(a) 26 September (b) 26 October (c) 26 November (d) 27 December

Answer: (a)

Related Facts:

- Every year on the fourth Sunday of September, World River Day is observed to raise awareness regarding water bodies and to promote their conservation.
- This year, it falls on September 26, 2021.
- This year's theme is "waterways in our communities," with a specific emphasis on the need to conserve and repair urban waterways, which are frequently under stress.
- The day was first celebrated in 2005.



World Rivers Day

- World Rivers Day is a day when communities around the world come in solidarity to ensure that our rivers matter and having access to clean and flowing water matters.

Reference: <https://www.business-standard.com/about/when-is-world-rivers-day>

World Rabies Day : 28 September

Question: On which of the following date World Rabies Day is observed?

(a) 28 September (b) 27 December (c) 28 October (d) 27 November

Answer: (a)

Related Facts:

- World Rabies Day takes place each year on September 28.
- The theme for World Rabies Day 2021 is “Rabies: Facts, not Fear”.
- Rabies is a disease that is transmitted from animals to humans and is also known as a zoonotic disease.
- World Rabies Day aims to raise awareness about the impact of rabies on humans and animals.
- World Rabies Day is an international awareness campaign coordinated by the Global Alliance for Rabies Control, a non-profit organization.



Reference: <https://www.hindustantimes.com/world-news/world-rabies-day-2021-know-its-history-significance-and-theme-101632785868467.html>

International Day for the Total Elimination of Nuclear Weapons

Question: On which of the following date International Day for the Total Elimination of Nuclear Weapons is observed?

(a) 26 September (b) 27 September (c) 28 September (d) 29 September

Answer: (a)

Related Facts:

- International Day for the Total Elimination of Nuclear Weapons is observed on September 26.
- The aim of the day is to enhance public awareness about the threat posed to humanity by nuclear weapons and the necessity for their total elimination.



- Since the year 2014, the International Day for the Total Elimination of Nuclear Weapons is being observed every year.

Reference: <https://www.news18.com/news/lifestyle/international-day-for-the-total-elimination-of-nuclear-weapons-2021-all-you-need-to-know-4246229.html>

Antyodaya Diwas : 25 September

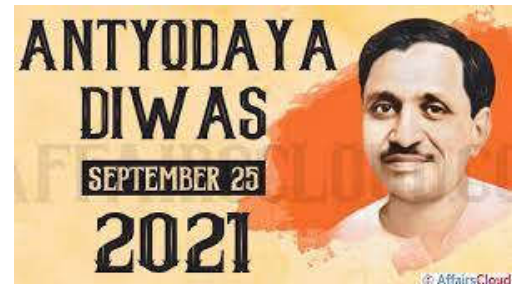
Question: On which of the following date Antyodaya Diwas is observed?

(a) 25 September (b) 25 October (c) 25 November (d) 25 December

Answer: (a)

Related Facts:

- Antyodaya Diwas is observed every year on September 25.
- This day was given its national importance in the honour of late Pandit Deendayal Upadhyaya to mark his birth anniversary.
- Antyodaya means uplifting the poorest of the poor.
- This day is observed with the aim to reach out to the last person of the society.
- This year, the Antyodaya Diwas will mark the 105th birth anniversary of Pt. Deendayal Upadhyaya.



Reference: <https://www.news18.com/news/lifestyle/pandit-deendayal-upadhyaya-birth-anniversary-all-you-need-to-know-about-antyodaya-diwas-4242542.html>

World Tourism Day : 27 September

Question: On which of the following date World Tourism Day is observed?

(a) 27 September (b) 27 December (c) 25 January (d) 27 October

Answer: (a)

Related Facts:

- World Tourism Day is observed globally on 27th September every year.
- The theme for World Tourism Day 2021 is "Tourism for Inclusive Growth".
- Tourism is one of the world's most important economic sectors.
- It employs one in every ten people on Earth and provides livelihoods to hundreds of millions more.



Reference: <https://indianexpress.com/photos/lifestyle-gallery/world-tourism-day-7-offbeat-places-travel-wish-list-pandemic-7536777/>

World Environmental Health Day : 26 September

Question: When is World Environmental Health Day 2021 observed?

(a) 26 September (b) 5 October (c) 18 November (d) 5 June

Answer: (a)

Related Facts

- World Environmental Health Day is observed on September 26.
- The theme for this year is 'Prioritising Environmental Health for healthier communities in the global recovery'.
- The day is important in the current situation as most parts of the world continue to recover from the ongoing coronavirus pandemic situation.
- This day was started by the International Federation of Environmental Health council during a meeting in Indonesia on this day in 2011.
- **Note**
- World Environment day is observed on 5 June.



Reference: <https://www.hindustantimes.com/world-news/world-environmental-health-day-2021-history-significance-of-day-dedicated-to-our-surroundings-101632626391388.html>

World Pharmacist Day : 25 September

Question: On which of the following date World Pharmacists Day is observed?

(a) 25 September (b) 25 October (c) 25 December (d) 25 January

Answer: (a)

Related Facts:

- World Pharmacists Day is observed on September 25 each year.
- It is observed to pay tributes to pharmacists for the role they play in improving global health.
- The theme of World Pharmacist day 2021 is Pharmacy: Always trusted for your health”.

Reference: <https://www.hindustantimes.com/world-news/world-pharmacists-day-2021-globe-pays-tribute-to-pharmacists-today-here-s-theme-history-significance-101632531322659.html>

World Alzheimer's Day : 21 September

Question: On which of the following date World Alzheimer's Day is Observed?

(a) 21 September (b) 21 October (c) 21 November (d) 21 December

Answer: (a)

Related Facts:

- World Alzheimer's Day takes place every year on 21 September.
- The theme for World Alzheimer's Month in 2021 is 'Know dementia, know Alzheimer's.
- World Alzheimer's Day is an international campaign to raise awareness and highlight issues faced by people affected by dementia.
- Globally, dementia is one of the biggest challenges with nearly 50 million people living with dementia worldwide.



Reference: <https://www.ndtv.com/health/world-alzheimers-day-early-symptoms-of-alzheimers-and-their-impact-on-day-to-day-activities-2548090>

National Pension System Diwas : 1 October

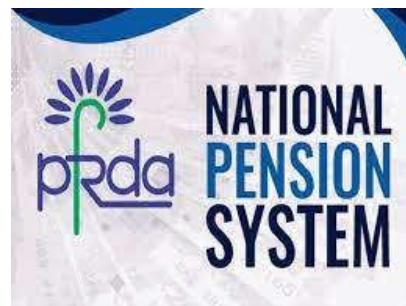
Question: On which of the following date PFRDA will observe as National Pension System Diwas?

(a) 1 October (b) 28 September (c) 5 October (d) 27 December

Answer: (a)

Related Facts:

- PFRDA to observe 1 Oct as NPS (National Pension System) Diwas to promote retirement planning.
- The Pension Fund Regulatory & Development Authority Act was passed on 19th September, 2013 and the same was notified on 1st February, 2014.
- PFRDA aims to encourage working professionals and self-employed professionals to plan towards creating a financial cushion to ensure for oneself a financially sound future after retirement.



Reference: <https://www.livemint.com/news/india/pfrda-to-observe-1-oct-as-nps-diwas-to-promote-retirement-planning-11632458043860.html>

International Daughter's Day : 26 September 2021

Question: On which of the following date International Daughter's Day is celebrated this year (2021)?

(a) 25 September (b) 26 September (c) 27 September (d) 28 September

Answer: (b)

Related Facts:

- International Daughters' Day is celebrated globally on the fourth Sunday of September every year.
- This year (2021) the day is being marked on September 26.
- On this day, parents celebrate and appreciate their daughters by making special gestures to cherish their children.
- The day was conceptualised to fight against the stigma around having a girl child and honouring daughters.



Reference: <https://indianexpress.com/article/lifestyle/life-style/happy-daughters-day-2021-wishes-images-quotes-status-messages-photos-and-cards-7529723/>

World Bamboo Day

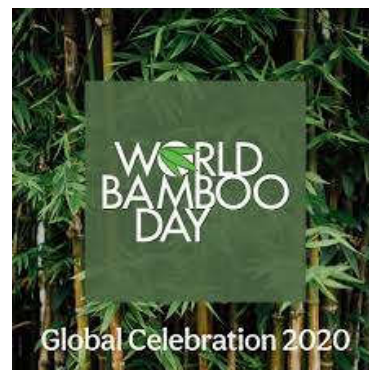
Question – On which date 'World Bamboo Day' is celebrated ?

(a) 12 September (b) 18 September (c) 15 September (d) 20 September

Answer—(b)

Related facts—

- World Bamboo Day was celebrated on 18 September 2021 across the world.
- The day was celebrated with the hashtag (#) 'Plant Bamboo'.
- Objective – To raise awareness about bamboo and to promote its use in everyday life.
- It is worth mentioning that in the year 2009 at the 8th World Bamboo Congress organized in Bangkok by the World Bamboo Organization, it was announced to celebrate this day on 18 September every year.



Link:

<https://www.firstpost.com/world/world-bamboo-day-2021-all-you-need-to-know-about-day-observed-to-conserve-and-promote-bamboo-industry-9976211.html>

International Week of Deaf People

Question – Which of the following is the period of ‘International Week of Deaf People’ in the year 2021?

- (a) 20 to 26 September (b) 19 to 25 September (c) 18 to 24 September
(d) 21 to 27 September

Answer—(a)

Related facts —

- The period of ‘International Week of Deaf People’ in the year 2021 is 20 to 26 September.
- Main Theme is – “Celebrating Thriving Deaf Communities”.
- This week (fourth week of September) was first celebrated in September 1958.

Link:

<https://wfdeaf.org/iwdeaf2021/>

International Equal Pay Day

Question – When was the ‘International Equal Pay Day’ celebrated recently?

- (a) 20 September (b) 15 September (c) 18 September (d) 26 September

Answer—(c)

Related facts—

- On 18 September 2021, ‘International Equal Pay Day’ was celebrated across the world.
- Main theme – ‘Equal Pay for Work of Equal Value’.
- It is noteworthy that in the year 2019, the United Nations General Assembly, expressing concern over the slow pace of progress towards the economic empowerment of women, had announced to observe this day on ‘18 September’ every year.
- Women get 77 cents for every dollar men receive for work of equal value.
- According to the United Nations, it may take 257 years to achieve gender equality at the economic level at the current pace.



Link:

https://www.equalpayinternationalcoalition.org/whats_new/celebration-of-the-international-equal-pay-day-2021/

International Coastal Cleanup Day

Question – In the year 2021, ‘International Coastal Cleanup Day’ was celebrated on which date?

(a) 20 September (b) 18 September (c) 15 September (d) 12 September

Answer—(b)

Related facts —

- International Coastal Cleanup Day was observed across the world on 18 September 2021.
- This day is celebrated every year on the third Saturday of September.
- The theme of this day in the year 2021 is “Keep Trash in the bin and not in the Ocean”.
- Purpose – To encourage people to clean the beaches, remove the garbage.
- Significantly, more than 1 million sea creatures die every year due to plastic debris in the oceans.
- Keeping beaches clean is essential to protect marine life and marine ecosystems.

Link:

<https://www.pib.gov.in/PressReleaseDetailm.aspx?PRID=1756116>

World Water Monitoring Day : 18 September

Question: When the World Water Monitoring Day is Observed?

(a) 22 March (b) 5 June (c) 27 December (d) 18 September

Answer: (d)

Related Facts:

- The World Water Monitoring Day is observed every year on September 18 since 2003.
- Water Monitoring Day aims to build public involvement and awareness regarding the protection of water resources around the globe.
- It ensures that citizens are empowered to carry out standard monitoring of their local water bodies.



- The current sponsor of Water Monitoring Day is Earth Echo International.
- **Note**
- World Water day is observed every year on 22 March.

Reference: <https://www.waterworld.com/drinking-water/article/16213597/world-water-monitoring-day-starts-sept-18>

World Rhino Day : 22 September

Question: On which of the following date World Rhino day is observed?

(a) 12 September (b) 16 September (c) 22 September (d) 28 September

Answer: (c)

Related Facts:

- World Rhino Day is celebrated on September 22 every year.
- This special day provides the opportunity for cause-related organizations, NGOs, zoos, and members of the public to celebrate rhinos in their own unique ways.
- This day is celebrated to raise awareness of the need to protect all the five existing species of Rhinoceros, which are Black Rhino, White Rhino, Greater one-horned Rhino, Sumatran Rhino and Javan Rhinos.
- World Rhino Day was first announced by World Wildlife Fund-South Africa in 2010.
- The theme of World Rhino Day 2021 is Keep the Five Alive.



Reference: <https://www.indiatimes.com/trending/social-relevance/2021-world-rhino-day-549944.html>

World Patient Safety Day 2021

Question – On which date ‘World Patient Safety Day’ is celebrated?

(a) 18 September (b) 10 September (c) 15 September (d) 17 September

Answer—(d)

related facts —

- ‘World Patient Safety Day’ is celebrated on September 17 every year.
- This year’s theme is — “Safe Maternal and newborn Care”.
- The purpose of this day is to raise awareness about patient safety.



- World Patient Safety Day was established in 2019 to enhance global understanding of patient safety, increase public engagement in the safety of health care and promote global actions to enhance patient safety and reduce patient harm.

International Day of Democracy : 15 September

Question: On which date International day of Democracy is celebrated?

(a) 25 January (b) 15 September (c) 25 December (d) 2 October

Answer: (b)

Related Facts:

- International Day of Democracy is observed on September 15, 2021.
- The International Day of Democracy provides an opportunity to review the state of democracy in the world.
- The link between democracy and human rights is captured in article 21(3) of the Universal Declaration of Human Rights.
- Theme of International Day of Democracy for year 2021 is “Strengthening democratic resilience in the face of future crises”.
- Sustainable Development Goal 16 is about peace, justice and strong institutions which is one of the peacebuilding of Democracy.



Reference: <https://www.thequint.com/lifestyle/international-day-of-democracy-2021-date-history-significance-quotes>

International Red Panda Day

Question: On which of the following date International Red Panda Day was observed in 2021?

a) September 10 b) September 18 c) September 20 d) August 18

Answer: (c)

Related Facts:-

- On 18 September 2021 International Red Panda Day was observed all over the world.
- It should be noted that International Red Panda Day is celebrated on the third Saturday of September every year and it falls on September 18 in 2021.



- This day for Red Panda is observed with the aim to raise public awareness and support for red panda conservation issues.
- International Red Panda Day is dedicated to the red pandas—a mammal species native to the eastern Himalayas and southwestern China.
- Red pandas are facing the threat of extinction due to poaching, habitat destruction, and fragmentation, and inbreeding depression.
- The exact number of individuals of the species that exist in the wild is not known today.
- Some estimates report that the number of Red Pandas to be as low as 10,000 mature individuals; therefore the IUCN List classifies it as an 'endangered species.
- History
- International Red Panda Day was launched by the Red Panda Network in 2010.
- The first international Red Panda day was celebrated on 18th September 2010.
- Discovered about 50 years before giant pandas, red pandas are the only species left in the Ailuridae family.
- Red Pandas are very lovely and quite in nature and basically reside in the Eastern Himalayas region of the world. This includes places like China, Nepal, and Bhutan.
- Threat of extinction:
- Like hundreds of other animals Unfortunately, Red Pandas also facing the threat of extinction.
- Human activities have caused such environmental degradation those red pandas that reside in bamboo trees, don't find any trees they can nest in.
- The activities that have threatened the survival of this species are poaching, habitat destruction, and trafficking; fur of this animal is also trafficked to produce hats and clothing.
- Due to these factors, red pandas are legally protected in India, Bhutan, China, Nepal, and Myanmar.
- Another report that focuses on the conservation of animals highlighted the problem of decreasing red pandas to be "poor conservation awareness and weak law enforcement."
- Red Panda: Facts-
- It should be noted that despite having similar names, red pandas and giant pandas are not closely related.
- Red pandas actually have close resemblance with bears, raccoons, and skunks.
- They are also called the lesser panda, red cat-bear, and red bear-cat.

Links:-

<https://nationaldaycalendar.com/international-red-panda-day-third-saturday-in-september/>

International Day for the Preservation of the Ozone Layer 2021

Question: When the International day for the preservation of Ozone Layer is celebrated every year across the world?

(a) 12 July (b) 16 September (c) 5 June (d) 5 September

Answer: (b)

Related Facts:



- International day for the Preservation of Ozone Layer celebrated on 16 September.
- The ozone layer, a fragile shield of gas, protects the Earth from the harmful portion of the rays of the sun.
- The Montreal Protocol on Substances that Deplete the Ozone Layer is an international agreement made in 1987.
- The Vienna Convention for the Protection of the Ozone Layer is the multilateral Environmental agreement. It came into force in 1988.
- The theme of International day for the Preservation of Ozone Layer 2021 is 'Montreal Protocol – Keeping us, our food, and vaccines cool.'
- In India Ministry of Environment, Forest, and Climate Change devised the India Cooling Action Plan (ICAP) in 2019, aimed at providing an integrated vision towards reducing refrigerant transition, enhancing energy efficiency, and curbing cooling demands.

Reference: <https://www.firstpost.com/world/international-day-for-the-preservation-of-the-ozone-layer-2021-history-significance-and-theme-9969681.html>

Hindi Diwas 2021

Question: When is Hindi Diwas celebrated?

(a) 10 January (b) 14 September (c) 27 December (d) 25 January

Answer: (b)

Related Facts:

- Hindi Diwas is observed every year in India on September 14.
- Under Article 343 of the Indian Constitution, Hindi written in Devanagari script was adopted as one of official languages.



- Constituent Assembly has adopted Hindi as the official language of India on 14 September 1949.
- First Hindi Day or Hindi Diwas was observed on 14 September 1953.
- Article 351 of the Constitution provides that it shall be the duty of the Union to promote the spread of the Hindi .
- According to the 2011 census, In India there are roughly about 43.6 per cent speakers, who identify Hindi as their mother tongue.
- **Note:**
- Hindi is the fourth most spoken language in the world.
- World Hindi Day is observed on 10 January every year.

Reference: <https://indianexpress.com/article/lifestyle/life-style/hindi-diwas-2021-date-history-importance-and-significance-7507533/>

Engineers day

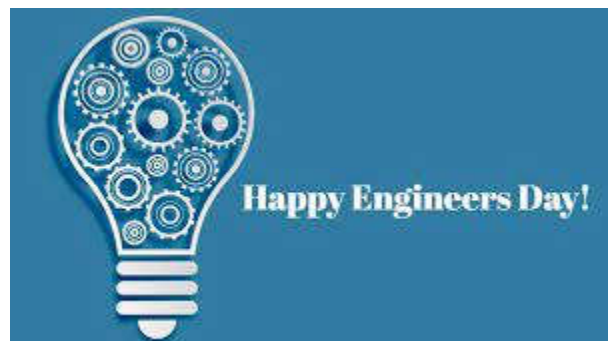
Question-“Engineers day” is celebrated every year on-

(a)15 September (b)15 October (c)10 September (d)10 October

Answer- (a)

Related facts-

- “Engineers day” is celebrated every year on September 15.
- On the occasion of the “Engineers day” the Prime Minister, Shri Narendra Modi greeted all hardworking engineers on Engineers’ Day.
- PM also paid homage to Shri M. Visvesvaraya on his birth anniversary and recalled his accomplishments.
- This day is celebrated in India on the birth anniversary of Visvesvaraya, who is considered as one of the best engineer of the country.
- Visvesvaraya successfully designed and constructed several river dams, bridges and revolutionized the irrigation system in India by implementing irrigation and drinking water system all over the country.
- He is a Bharat Ratna awardee.



Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1754960>

World Coconut Day

Question : When World Coconut Day is observed?

(a) 2 September (b) 8 September (c) 26 June (d) 5 July

Answer: (a)

Related Facts:

- Every year, September 2 is observed as World Coconut Day.
- It aimed at promoting, coordinating and harmonising all the activities involving the coconut industry.
- The theme of this year is Building a Safe Inclusive Resilient and Sustainable Coconut Community Amid COVID-19 Pandemic and Beyond.
- Indonesia is the largest producer of coconuts. It produced around 2.81 million tons of coconut.
- Note:
- National Coconut Day is celebrated on June 26.
- India is the third-largest producer of coconuts in the world.
- India founded the Coconut Development Board (CDB) – a statutory body under the Ministry of agriculture, Government of India – that aims for further integrated development of coconut and coconut-related product.



Reference: <https://www.business-standard.com/about/when-is-world-coconut-day>

World Suicide Prevention Day observed on 10 September

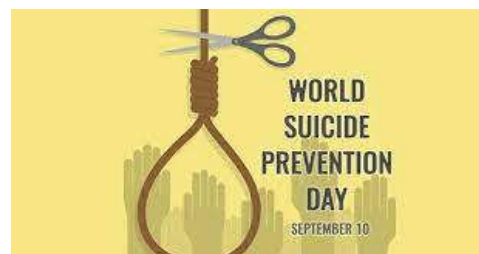
Question: On which date “World Suicide Prevention Day” is observed?

(a) 4 September (b) 27 December (c) 10 September (d) 15 October

Answer : (c)

Related Facts :

- World Suicide Prevention Day is an awareness day observed on 10 September every year.
- It is organized by the International Association for Suicide Prevention (IASP) and endorsed by the World Health Organization (WHO).
- The theme of World Suicide Prevention Day 2021 is Creating hope through action.
- The overall goal of this day is to raise awareness about suicide prevention worldwide.



Reference: <https://www.thehindu.com/news/cities/chennai/world-suicide-prevention-day-reading-the-signs-right/article36404314.ece>

International Literacy Day

Question : When International Literacy Day is observed?

(a) 21 September (b) 5 July (c) 8 September (d) 27 December

Answer : (c)

Related Facts:

- 8 September is celebrated as the International Literacy Day.
- Its aim is to highlight the importance of literacy to individuals, communities and societies.
- International Literacy Day (ILD) 2021 will be celebrated under the theme “Literacy for a human-centered recovery: Narrowing the digital divide”.
- The theme for 2020 was “Literacy teaching and learning in the COVID-19 crisis and beyond”.
- On 26 October 1966, UNESCO proclaimed 8 September as International Literacy Day to combat worldwide issues of illiteracy..
- It was celebrated for the first time in 1967.



Reference: <https://indianexpress.com/article/education/unesco-international-literacy-day-2021-relevance-of-september-8-and-why-it-is-observed-as-literacy-day-across-the-world-7494641/>

National Small Industry Day

Question: When is the National Small Industry Day observed?

(a) 30 August (b) 12 August (c) 28 August (d) 10 August

Answer: (a)

Related facts:

- National Small Industry Day is observed every year on 30th August across the country.
- The day recognizes value of small industries in our society.
- India is home to more than 6.3 crore MSMEs and contributes 45% of the total exports.
- Background:



- On August 30, 2000, a comprehensive policy package for the SSI sector was launched, providing important support to small businesses in India.
- It was subsequently agreed that the Ministry would designate August 30 as “SSI Day.”
- On August 30, 2001, the Ministry of Small Industry held the SSI (Small Scale Industry) conference in New Delhi.

Links:

<https://worldrepublicnews.com/national-small-industry-day-2021-history-and-significance/>

International Day of the Victims of Enforced Disappearances

Question: When is the International Day of the Victims of Enforced Disappearances observed?

(a) 30 August (b) 12 August (c) 28 August (d) 10 August

Answer: (a)

Related facts:

- International Day of the Victims of Enforced Disappearances is observed every year on August 30.
- Enforced disappearance refers to the arrest, detention or abduction of persons by agents of the State, or those acting with State authorization or support, whose whereabouts are unknown.
- The day was observed for the first time in the year 2011.



Links:

<https://www.un.org/en/observances/victims-enforced-disappearance>

International Day for the Remembrance of the Slave Trade and its Abolition

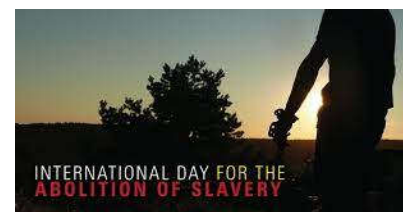
Question: When is the International Day for the Remembrance of the Slave Trade and its Abolition observed?

(a) 29 August (b) 12 August (c) 23 August (d) 10 August

Answer: (c)

Related facts:

- International Day for the Remembrance of the Slave Trade and its Abolition is observed every year on August 23.



- The day inscribes the tragedy of the slave trade in peoples memory.
- It is a day to honour the memory of the men and women who, in Saint-Domingue in 1791, revolted and paved the way for the end of slavery and dehumanization.

Links:

<https://en.unesco.org/commemorations/slavetraderemembranceday>

International Day for People of African Descent

Question: When is the International Day for People of African Descent observed?

- (a) 31 August
- (b) 12 August
- (c) 28 August
- (d) 10 August

Answer: (a)

Related facts:



- International Day for People of African Descent is celebrated for the first time on 31 August 2021.
- Objective:
 - To promote the extraordinary contributions of the African diaspora around the world and to eliminate all forms of discrimination against people of African descent.
- Background:
 - On 19 June 2020, the Human Rights Council adopted the resolution on the “Promotion and protection of the human rights and fundamental freedoms of Africans and people of African descent against excessive use of force and other human rights violations by law enforcement officers”.
- The year 2020 marked the midterm of the International Decade for People of African Descent.
- While some progress has been made at legislative, policy and institutional levels, people of African descent continue to suffer intersectional and compounded forms of racial discrimination, marginalization, and exclusion.

Links:

<https://www.un.org/en/observances/african-descent-day>

Books

The Fractured Himalaya authored by Nirupama Rao

Question: A book titled “The Fractured Himalaya” authored by Whom?

(a) Chetan Bhagat (b) Ruskin Bond (c) Vijay Gokhale (d) Nirupama Rao

Answer: (d)

Related Facts:

- A book titled “The Fractured Himalaya: How the Past Shadows the Present in India-China Relations”, authored by Nirupama Rao.
- The book traces how the origins of the dispute between India and China form part of a living history that shapes their fractious relationship today.
- Nirupama Rao is a former Foreign Secretary.
- She is the recipient of the Vanitha Ratna Award of the Government of Kerala.

Reference: <https://www.hoover.org/events/fractured-himalaya-how-past-shadows-present-india-china-relations>

The Battle of Rezang La : Kulpreet Yadav

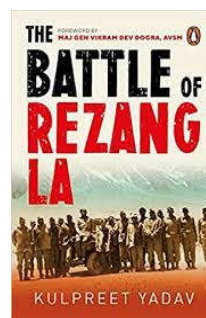
Question: A new book title “The Battle of Rezang La” written By Whom?

(a) Kulpreet Yadav (b) Chetan Bhagat (c) Nirupama Rao (d) None of these

Answer: (a)

Related Facts:

- A new book has titled “The Battle of Rezang La” written by Kulpreet Yadav.
- A new book tells the story of 120 Indian soldiers who put up a valiant fight against the 5,000-strong Chinese military troops in the 1962 Indo-China war.
- The Battle of Rezang La”, published under Penguin Random House’s “Veer” imprint.
- This book is written by ex-naval officer and author Kulpreet Yadav.



Reference: <https://www.outlookindia.com/newsscroll/amp/new-book-tells-story-of-the-battle-of-rezang-la/2167473>

The Long Game: How the Chinese Negotiate with India by Vijay Gokhale

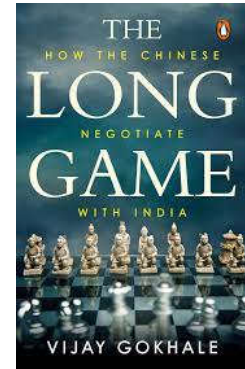
Question: The Long Game: How the Chinese Negotiate with India authored by whom?

(a) Vijay Gokhale (b) Chetan Bhagat (c) Amitav Ghosh (d) None of these

Answer: (a)

Related Facts:

- A book titled "The Long Game: How the Chinese Negotiate with India" authored by Vijay Gokhale.
- In this new book, former foreign secretary of India, Vijay Gokhale, unpacks the dynamics of India-China relations through the prism of six historical and recent events.
- The book gives a practitioner's insight into strategies, tactics, and tools that China uses for diplomatic negotiations.



Reference: <https://penguin.co.in/book/the-long-game/>

Book 'All the Light We Cannot See'

Question : Netflix has officially given a go-ahead to a limited series based on Pulitzer Prize-winning book 'All the Light We Cannot See'. Accordingly, which of the following statement is correct ?

Statements —

1. Book 'All the Light We Cannot See' was published in 2016
2. It received wide critical acclaim as well as a Pulitzer Prize in 2017
3. Novel was penned by acclaimed author Anthony Doerr.

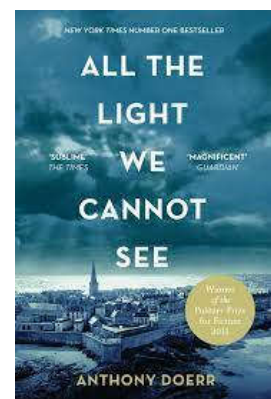
Options —

a. Only 1. b. Only 2. c. Only 3. d. None of the above

Ans. c.

Related facts —

- Netflix has officially approved a limited series based on the Pulitzer Prize winning book 'All the Light We Can See' in September 2021.
- Levy will direct all the four episodes of the limited series, which will be written by Knight.
- **Key points —**



1. Book 'All the Light We Cannot See' was published in 2014.
2. It received wide critical acclaim as well as a Pulitzer Prize in 2015.
3. Novel was penned by acclaimed author Anthony Doerr.
4. It spent more than 200 weeks on the New York Times best-seller list, and has sold more than 5.7 million copies in North America across print, e-book and audio formats and another 9.5 million copies worldwide.

Link:

<https://www.newindianexpress.com/entertainment/english/2021/sep/23/all-the-light-we-cannot-see-limited-series-greenlit-at-netflix-2362719.html>

Amitav Ghosh's 'Jungle Nama' released as audiobook

Question: Who is author of the book named Jungle Nama?

(a) Chetan Bhagat (b) Amitav Ghosh (c) Arundhati Roy (d) None of these

Answer: (b)

Related Facts:

- Amitav Ghosh's "Jungle Nama" has now been released as an audiobook with music and voice of US-based Ali Sethi.
- This book has been illustrated by New York-based artist Salman Toor
- It is a verse adaptation of the medieval Bengali tale about the forest goddess, Bon Bibi.

Reference: <https://harpercollins.co.in/jungle-nama-amitav-ghosh/>

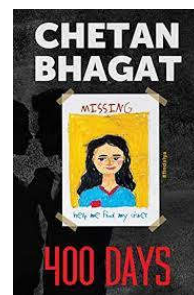
Chetan Bhagat's 400 days

Question: Who is the author of the book 400 days?

- (a) Chetan Bhagat
(b) R.K. NARAYAN
(c) Arundhati Roy
(d) Salman Rushdie

Answer: (a)

Related Facts:



- Bestselling author Chetan Bhagat is the author of his upcoming book "400 Days".
- The book, published by Westland.
- 400 Days book is a riveting read filled with mystery and romance.

Reference: <https://indianexpress.com/article/books-and-literature/chetan-bhagat-releases-trailer-for-new-book-7529980/>

Book : Know Your Rights and Claim Them

Question : Who has written the book ‘Know Your Rights and Claim Them’ ?

a. Angelina Jolie b. Tom Cruise c. Salman Rushdie d. Khushwant Singh

Ans. a.

Related facts —

- Angelina Jolie and Amnesty International have recently(September 2021) joined forces to create a resource for children and young people to learn about their rights, with the publication of a new book which empowers teenagers to speak out against injustice.
- ‘Know Your Rights and Claim Them’ – written with human rights lawyer Geraldine Van Bueren, one of the original drafters of the 1989 UN Convention on the Rights of the Child – aims to equip kids with the knowledge to safely challenge injustices.
- It is noteworthy that Jolie is a special envoy for UN refugee agency UNHCR.
- She expects the book would also remind governments of their commitment to the global treaty enshrining children’s civil, social, political and economic rights.



Link:

<https://economictimes.indiatimes.com/magazines/panache/angelina-jolie-pens-child-rights-book-wants-kids-to-fight-back/articleshow/85856082.cms>

Book : Tomatoes For Neela

Question : Who is the author of the book “Tomatoes For Neela” ?

a. Padma Lakshmi b. Amrita Gill c. Menka Gandhi d. Rani Padmja

Ans. a.

Related facts —

- “Tomatoes For Neela” is a book written by Padma Lakshmi.
- The book released on August – September 2021.
- The book is just a very small personal story that centers around a young single mother who also is a recipe writer like author.



Link:

<https://economictimes.indiatimes.com/magazines/panache/tomatoes-for-neela-padma-lakshmi-cooks-up-a-childrens-book-with-a-message/articleshow/85803249.cms>

Book : The Blind Matriarch

Question : Who is the author of the book “The Blind Matriarch” ?

a. Namita Gokhale b. Amrita Pritam c. Amish Tripathi d. None of the above

Ans. a.

Related facts —

- Namita Gokhale's book 'The Blind Matriarch' will launch on September 27, 2021.
- **About the book —**
- “The Blind Matriarch”, is a family saga that is “a clear-eyed chronicle of the tragedies of India's encounter with the coronavirus, the cynicism and despair that accompanied it, and the resilience and strength of the human spirit”.
- **About the author —**
- The Veteran writer of the book has written 11 works of fiction and has written extensively on myth as well as the Himalayan region.
- A co-founder and co-director of the Jaipur Literature Festival, she has received the Centenary National Award for Literature by the Asam Sahitya Sabha in Guwahati in 2017, the Sushila Devi Literature Award for her novel “Things to Leave Behind”.



Link:

<https://economictimes.indiatimes.com/magazines/panache/namita-gokhales-book-the-blind-matriarch-will-launch-on-september-27/articleshow/86002381.cms>

Believe What Life and cricket Taught me

Question: Whose autobiography is Believe What Life and cricket Taught me?

(a) Suresh Raina (b) Sachin Tendulkar (c) Ravindra Jadeja (d) Mahendra Singh Dhoni

Answer : (a)

Related Facts:

- Indian cricketer Suresh Raina came up with his memoir in May 24 titled Believe: What Life and Cricket Taught Me.
- It has been co-written by journalist and author Bharat Sundaresan.
- It is Published by Penguin Random House India.
- The book will detail the challenges he encountered as a young cricketer, the bullying he had to overcome in school and cricket camps, and the relationships he forged over the years.



- Interesting details:
- It also features the many learnings he gathered from senior cricketers like Rahul Dravid, MS Dhoni, Sourav Ganguly, Sachin Tendulkar, all of which helped him on and off the field.

Reference : <https://indianexpress.com/article/books-and-literature/suresh-raina-is-coming-out-with-his-memoir-in-june-7310850/>

Book-Battlefield

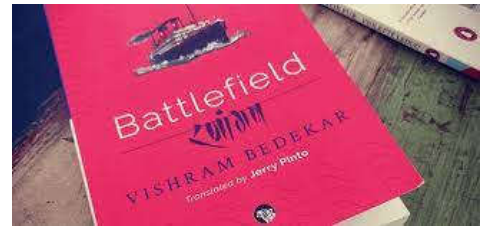
Question:Who is the author of the book Battlefield?

(a) G.D. Bakshi (b) Vishram Bedekar (c) Bipin Rawat (d) Khushwant Singh

Answer: (b)

Related facts:

- Vishram Bedekar has authored a book titled 'Battlefield'.
- The book has been translated from the Marathi original Ranaangan by Jerry Pinto.
- The book presents the story of a shipboard romance between an Indian man and a German-Jewish woman, both fleeing Europe before the Second World War.



Links:

<https://www.thehindu.com/books/exiled-by-love-janhavi-acharekar-reviews-battlefield-by-vishram-bedekar-trs-jerry-pinto/article36011246.ece>

Book- Mission Domination: An Unfinished Quest

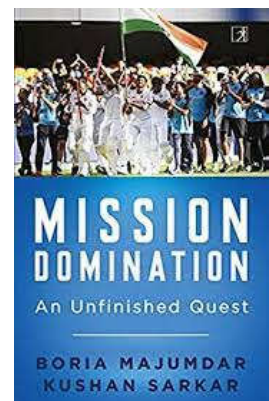
Question: Who is the author of book Mission Domination: An Unfinished Quest?

(a) Boria Majumdar (b) Kushan Sarkar (c) Both a & b (d) Vikram Seth

Answer: (c)

Related facts:

- A new book titled "Mission Domination: An Unfinished Quest" authored by Boria Majumdar & Kushan Sarkar has been released.
- The Book has been published by Simon & Schuster Publisher India Private Limited.
- The Book talks about the Indian men's cricket team journey of World cup 2019 and India Australia 2020-21 series covering 36 all out to famous Gabba win.



Links:

<https://scroll.in/field/1002631/book-excerpt-world-cup-jeetna-hai-rohit-sharmas-unfulfilled-quest-as-a-cricketer>

Miscellaneous

Naga Cucumber from Nagaland gets GI tag

Question: The famous Naga Cucumber recently got the GI tag, it belongs to which region?

(a) Arunachal Pradesh (b) Nagaland (c) Manipur (d) Meghalaya

Answer: (b)

Related Facts:

- Nagaland's "sweet cucumber" was awarded a geographical identification (GI) tag.
- Naga cucumber is recognised for its sweetness and unique green colour.
- It is rich in potassium and has low calories.
- Nagaland has the fifth-highest cultivation of cucumber area-wise and ranks third in production.
- Geographical identification (GI) tag as an agricultural product under provisions of The Geographical Indications of Goods (Registration and Protection) Act, 1999.
- Tribes like Konyak are found to grow cucumber all throughout the year by seed to seed method depending upon the soil type.



Reference: <https://newsonair.com/2021/09/25/naga-cucumber-from-nagaland-gets-gi-tag/>

China's central bank declares all cryptocurrency transactions illegal

Question: Recently, Which of the following country has banned the use of cryptocurrency?

(a) China (b) India (c) Australia (d) USA

Answer: (a)

Related Facts:

- China's central bank has announced that all transactions of crypto-currencies are illegal.
- China is one of the world's largest crypto-currency markets.



- The global values of cryptocurrencies including Bitcoin have massively fluctuated in during 2020-2021 partly due to Chinese regulations.
- Chinese notice has banned all the related financial activities involving cryptocurrencies like transactions involving virtual currency derivatives, selling tokens, trading crypto, and illegal fundraising.
- Crypto crackdown has opened up gates for China to introduce its own digital currency.
- Cryptocurrency is a binary data that have been designed to work as a medium of exchange..

Reference: <https://www.thehindu.com/news/international/china-declares-all-cryptocurrency-transactions-illegal/article36649806.ece>

Meeting of the Coir Board

Question : The 238th Meeting of the Coir Board held on September 27, 2021. What thing has informed by the Concern Minister in this meeting ?

- a. India contributes 80% of the global production of Coir
- b. India contributes 90% of the world trade in Coir products
- c. Coir industry provides employment to more than 7.3 lakh people in rural areas
- d. None of the above

Ans. c.

Related facts —

- The 238th Meeting of the Coir Board held on September 27, 2021.
- Key points of the meeting addressed by Concerned Minister Narayan Rane —
- Narayan Rane has called for developing Coir Industry in Konkan, North and North-Eastern region of the country and expand the market network.
- Addressing the 238th Meeting of the Coir Board in Gujarat's Kevadia the concerned minister informed that India contributes 70% of the global production of Coir and 80% of the world trade in Coir products.
- Coir industry provides employment to more than 7.3 lakh people in rural areas, 80% of which are women and it is utmost essential to make it comparative, self-sustainable and capable of providing employment to the rural folk.
- The acceptability of Coir products has increased rapidly due to its 'environment friendly' image.
- During the year 2020-21, the export of coir and coir products reached the level of Rs 3778.97 crore, with a growth rate of 17% in quantity and 37% in value, despite COVID adversities.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1758649>

Vanijya Utsav' to boost trade and exports

Question: Which of the following Union Minister has inaugurated the Vanijya Utsav at Ahmedabad?

- (a) Darshna Jardosh (b) Shobha Karandlaje (c) Renuka Singh Saruta
(d) Meenakashi Lekhi

Answer: (a)

Related Facts:

- Union Minister of State for Textiles Darshna Jardosh has inaugurated a 'Vanijya Utsav- Showcasing India a Rising Economic Force' at Ahmedabad.
- The aim of this Vanijya Utsav is to help small and medium trade and industries and boost our economy.
- The two day "Vanijya Utsav" has been organized as part of Azadi Ka Amrit Mahotsav at Ahmedabad Management Association.
- The event is being planned with a target to enhance the State's share of exports from the present 4 % to 10 % by 2030.



Reference: <https://www.thehindu.com/news/national/andhra-pradesh/vanijya-utsav-to-boost-trade-and-exports-minister/article36509634.ece/amp/>

107-year-old Japanese sisters confirmed as world's oldest identical twins

Question: Umeno Sumiyama and Koume Kodama have been confirmed as the oldest identical twins living, From which of the following country do they belong?

- (a) China (b) Japan (c) Indonesia (d) Thailand

Answer: (b)

Related Facts:

- Umeno Sumiyama and Koume Kodama (Japan) have been confirmed as the oldest identical twins living (female) and the oldest identical twins ever (female) at 107 years.
- Umeno and Koume were born on 5th November 1913 on Shodo Island, Kagawa prefecture, Japan.
- They have broken Kin and Gin's record who were not only the previous record holders for the oldest identical twins living, but also a household name in Japan.

Reference: https://www.washingtonpost.com/world/107-year-old-japanese-twins-certified-as-worlds-oldest/2021/09/20/dc2efcae-1a0f-11ec-bea8-308ea134594f_story.html

Planetarium Innovation Challenge for Indian start-ups

Question: On which of the following date MyGov India, launched the Planetarium Innovation Challenge for Indian start-ups and tech entrepreneurs?

a) 11 September 2021 b) 17 September 2021 c) 11 August 2021 d) None of these

Answer: (a)

Related Facts:-



- On 11th September 2021; MyGov India, launched the Planetarium Innovation Challenge for Indian start-ups and tech entrepreneurs.
- This program has been launched this programme under the Ministry of Electronics and Information Technology (MeitY).
- The challenge aims to bring together the tech firms and Start-ups (based out of India) with the potential to build an indigenous planetariums.
- This will operate with system software using latest technologies including Augmented Reality (A.R.), Virtual Reality (V.R.) and Merged Reality (M.R.).
- It should be noted that Inspired by the Chandrayaan launches, Indian Space Research Organization conducted the ISRO Quiz competition 2019.
- It was conducted in collaboration with MyGov where several schools, parents and enthusiastic mentors made it memorable through their active participation.
- Looking forward to a repeat of the ISRO Quiz, Planetarium Innovation Challenge was launched by MyGov India. Registration is open till 10th October 2021.
- The challenge invites applications from start-ups and tech entrepreneurs to develop state-of-the-art technology for our Planetariums.
- There is an opportunity for Planetariums in India to deploy new technologies (Augmented Reality, Virtual Reality and Merged Reality), especially for smaller cities and rural areas, all Made in India.
- The Innovation Challenge is open to experts from all domains of Planetarium Technology at <https://innovateindia.mygov.in/>.
- The applicants may include Start-ups, Indian Legal Entities; even Individuals (or Teams) are welcome to submit ideas.
- The first winner, second winner and third winner under the contest will get the cash prizes of Rs.5 lakh, Rs.3 lakh and Rs.2 lakh respectively.

Links:-

<https://pib.gov.in/PressReleaseFramePage.aspx?PRID=1755700>

DC Cooking System

Question : On which date CSIR-CMERI handed over the newly developed Solar DC Cooking System to the Asansol Braille Academy, West Bengal ?

- a. 22nd September 2021 b. 21st September 2021 c. 20th September 2021
d. 19th September 2021

Ans. a.

Related facts —



- CSIR-CMERI handed over the newly developed Solar DC Cooking System to the Asansol Braille Academy, West Bengal on September 22, 2021.
- The CSIR-CMERI developed Solar DC Cooking Technology was transferred to two business entities these are — M/s Asansol Solar & LED House, WB and M/s Meeco Solar & Infrastructure Associates, Durgapur, WB.
- Newly developed Solar DC Cooking System is a Solar Energy based Cooking System which consists of solar PV panel, charge controller, battery bank and cooking oven.
- It provides a Clean Cooking Environment, Inverter-Less Direct Operation, Fast and Uniform Heating and a potential to save 1 ton Carbon Dioxide emissions year/household.
- This System will help in substantial curbing of Carbon Dioxide emissions; as even LPG usage emits Carbon Dioxide.
- The Technology once it reaches the market will cost in the range of Rs 65,000- Rs 70,000.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1757054>

De- extinction of an extinct animal

Question: scientists at a US startup Colossal Biosciences are planning to de-extinct which of the following extinct animal?

- a) Woolly mammoth b) Dynasore c) Dodo d) None of these

Answer: (a)

Related Facts:

- Now scientists are planning to de- extinct the woolly mammoths a species of mammoth that lived during the Pleistocene until its extinction in the Holocene epoch.
- A US startup Colossal Biosciences has announced their plans to bring woolly mammoths, or animals like them, back from extinction.
- It should be known that woolly mammoths roamed into the frosty landscape of the Siberian tundra or the Arctic some 4,000 years ago.
- Colossal has received US\$15 million in initial funds to support research conducted by Harvard geneticist George Church, among other work.
- The proposed project is exciting, with laudable ambitions — but whether it is a practical strategy for conservation remains unclear.
- Colossal proposes to use CRISPR gene editing technology to modify Asian elephant embryos (the mammoth's closest living relative).
- These embryos could then theoretically develop into elephant-mammoth hybrids (Mammophants), with the appearance and behaviour of extinct mammoths.
- According to Colossal, the ultimate aim is to release herds of these Mammophants into the Arctic.
- Here in the arctic herds of these de-extinct Mammophants will fill the ecological niche mammoths once occupied.
- When mammoths disappeared from the Arctic some 4,000 years ago, shrubs overtook what was previously grassland.
- Mammoth-like creatures could help restore this ecosystem by trampling shrubs, knocking over trees, and fertilizing grasses with their faces.
- Theoretically, this could help reduce climate change. If the current Siberian permafrost melts, it will release potent greenhouse gases.
- Compared to tundra, grassland might reflect more light and keep the ground cooler, which Colossal hopes will prevent the permafrost from melting.
- While the prospect of reviving extinct species has long been discussed by groups such as Revive and Restore.
- It is important that advances in genome editing have now brought such dreams close to reality.
- **Controversial field:-**
- De-extinction is a controversial field. Critics have referred to such practices as playing god and accused scientists in favor of de-extinction.
- A common worry is that bringing back extinct species, whose ecological niches may no longer exist, will upset existing ecosystems.



- New Biosciences Company Colossal says it aims to recreate the steppe ecosystem (large, flat grassland) that flourished in Siberia until about 12,000 years ago.
- It has been estimated the total mass of plants and animals in Siberia's tundra is now 100-fold less than when it was a steppe.
- Simply, this ecosystem is already compromised, and it's hard to see how reintroducing Mammophants would lead to further damage.
- Reintroducing species can transform ecosystems for the better. A well-known example is the reintroduction of wolves to Yellowstone National Park.
- In the 1990s, these wolves started a cascade of positive changes for local flora and fauna. Mammophants may do the same.
- The biting question is that climate change is one of the great moral challenges of our time.
- The melting of the Siberian permafrost is expected to accelerate climate change and exacerbate ecological disaster.
- This is such a serious problem that even ambitious projects with a low probability of success can be ethically justified.
- Often our moral intuitions are clouded when considering new technologies and interventions.
- Important aspect is that, technologies which originally seemed scary and unnatural can slowly become accepted and valued.

Links:-

<https://scitechdaily.com/startup-colossal-biosciences-wants-to-bring-woolly-mammoths-back-from-extinction-it-might-not-be-such-a-bad-idea/>

Approval of major Reforms in Telecom Sector

Question : The Union Cabinet, chaired by the Prime Minister Narendra Modi has recently(September 2021) approved major reforms in telecom sector.

Accordingly, which of the following statement is correct ?

Statements —

1. In future Auctions, tenure of spectrum increased from 20 to 30 years
2. No Spectrum Usage Charge (SUC) for spectrum acquired in future spectrum auctions
3. Spectrum sharing encouraged- additional SUC of 0.5% for spectrum sharing removed

Options —

- a. Only 1. b. Only 2. c. Only 3. d. All of the above

Ans. d.

Related facts —

- The Union Cabinet, chaired by the Prime Minister Narendra Modi has recently (September 2021) approved major reforms in telecom sector.
- Key points of the reforms —
- Nine structural reforms and Five procedural reforms plus relief measures for the Telecom Service Providers are as below:—



A Structural Reforms

1. Rationalization of Adjusted Gross Revenue: Non-telecom revenue will be excluded on prospective basis from the definition of AGR.
2. Bank Guarantees (BGs) rationalized: Huge reduction in BG requirements (80%) against License Fee (LF) and other similar Levies. No requirements for multiple BGs in different Licenced Service Areas (LSAs) regions in the country. Instead, One BG will be enough.
3. Interest rates rationalized/ Penalties removed: From 1st October, 2021, Delayed payments of License Fee (LF)/Spectrum Usage Charge (SUC) will attract interest rate of SBI's MCLR plus 2% instead of MCLR plus 4%; interest compounded annually instead of monthly; penalty and interest on penalty removed.
4. For Auctions held henceforth, no BGs will be required to secure instalment payments. Industry has matured and the past practice of BG is no longer required.
5. Spectrum Tenure: In future Auctions, tenure of spectrum increased from 20 to 30 years.
6. Surrender of spectrum will be permitted after 10 years for spectrum acquired in the future auctions.
7. No Spectrum Usage Charge (SUC) for spectrum acquired in future spectrum auctions.
8. Spectrum sharing encouraged- additional SUC of 0.5% for spectrum sharing removed.
9. To encourage investment, 100% Foreign Direct Investment (FDI) under automatic route permitted in Telecom Sector. All safeguards will apply.

B Procedural Reforms

1. Auction calendar fixed – Spectrum auctions to be normally held in the last quarter of every financial year.

2. Ease of doing business promoted – cumbersome requirement of licenses under 1953 Customs Notification for wireless equipment removed. Replaced with self-declaration.
3. Know Your Customers (KYC) reforms: Self-KYC (App based) permitted. E-KYC rate revised to only One Rupee. Shifting from Prepaid to Post-paid and vice-versa will not require fresh KYC.
4. Paper Customer Acquisition Forms (CAF) will be replaced by digital storage of data. Nearly 300-400 crore paper CAFs lying in various warehouses of TSPs will not be required. Warehouse audit of CAF will not be required.
5. SACFA clearance for telecom towers eased. DOT will accept data on a portal based on self-declaration basis. Portals of other Agencies (such as Civil Aviation) will be linked with DOT Portal.

Beside these reforms Cabinet has also approved some Liquidity needs of Telecom Service Providers(TSPs).

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1755086>

Paradeep Port Trust : Installation of New Container Scanner

Question : A Mobile X-Ray Container Scanning System(MXCS) has been installed by Paradeep Port. Accordingly, which of the following statement is correct ?
Statements —

1. **Cost of Scanner is Rs 30 crore**
2. **The Scanner can scan up to 25 containers per hour**
3. **The Atomic Energy Regulatory Board(AERB) has issued license to Paradeep Customs for its regular operation.**

Options —

a. Only 1. b. Only 2. c. Only 3. d. All of the above

Ans. d.

Related facts —

A Mobile X-Ray Container Scanning System(MXCS) has recently(September 2021) been installed by Paradeep Port Trust.

Key points —

1. MXCS has been installed under the Ease of Doing Business(EoDB) initiative.
2. It has been installed at a cost of Rs 30 crore for the purpose of reducing physical examination and dwell time of containers at the Port.



3. The Atomic Energy Regulatory Board (AERB) has issued license on 27th August, 2021 to Paradeep Customs for its regular operation.
4. The Scanner can scan up to 25 containers per hour, enabling the Trade to directly move out their containers with upgrade security and zero hassle.
5. It will also facilitate movement of unshredded metallic scrap materials in containers through the Port to meet the long standing requirement of hinterland Industries.

Link:

<https://pib.gov.in/PressReleasePage.aspx?PRID=1754434>

Essar Power : Reduction in Sulphur emissions by 25%

Question : Essar Power has recently(September 2021) commissioned system to cut sulphur emissions by 25%. Name the location where this system commissioned ?

- a. Essar Power Hazira (EPHL) b. Essar Power Orissa-Paradip
c. The Essar Power Jharkhand-Tori (EPJL) d. Essar Oil's refinery complex Salaya

Ans. a.

Related facts —

- Essar Power has recently(September 2021) commissioned system to cut sulphur emissions by 25%.
- **Location —**
- This system is actually Essar Power's first flue gas scrubber at the Essar Power Hazira (EPHL) facility.
- The scrubber is designed to bring down sulphur dioxide in flue gas by 25%, going a long way in checking emissions and helping the environment.
- **About EPHL —**
- The EPHL is part of Essar Power, which is India's one of the first private sector independent power producers with a power generating capacity of 2,070 MW across four plants in India and Canada.
- The company also has a 465-km interstate transmission system which spans across 3 Indian states.



Link:

<https://economictimes.indiatimes.com/industry/energy/power/essar-power-commissions-system-to-cut-sulphur-emissions-by-25/articleshow/86004032.cms>

Mexico decriminalized abortion

Question : Recently which Country's Supreme Court has decriminalized abortion?

(a) USA (b) Canada (c) Cuba (d) Mexico

Answer: (d)

Related Facts:

- Supreme Court of Mexico has ruled that criminal penalties for terminating pregnancies are unconstitutional.
- This ruling was meant for northern state of Coahuila.
- Currently, abortion is severely restricted in four of the states in Mexico. It is also legal in cases of rape or where mother's life is in danger
- With this ruling, women who were jailed for having abortions will now be released, with immediate effect.
- Mexico City decriminalised abortion in 2007 and the supreme court upheld that law as constitutional.

Reference: <https://www.theguardian.com/world/2021/sep/07/mexico-abortion-law-struck-down-supreme-court-penalties-unconstitutional>

KarbiAnglongPeace Accord

Question: KarbiAnglong is a tripartite agreement signed among the Central Government, five insurgent groups active in KarbiAnglong, and with Which State Government ?

(a) Arunachal Pradesh (b) Nagaland (c) Assam (d) Manipur

Answer: (c)

Related Facts:

- KarbiAnglong is tripartite agreement signed between the Centre, five insurgent groups active in KarbiAnglong, and the Assam government.
- Karbi is a major ethnic community in Assam and are dotted by several factions and splinters.
- KarbiAnglong agreement marks the culmination of an extended process of negotiation to end insurgency in the region.
- It will ensure greater devolution of autonomy to the KarbiAnglong Autonomous Council.
- Central Government will provide development package of ₹1,000 crore over the next five years, to the Assam government for the development of Karbi areas.



- Assam Government will set up a Karbi Welfare Council for focussed development of Karbi people living outside KAAC area.
- The five insurgent groups which signed the peace accord are: People's Democratic Council of KarbiLongri (PDCK), KarbiLongri NC Hills Liberation Front (KLNLF), Karbi People's Liberation Tiger (KPLT), Kuki Liberation Front (KLF) and United Peoples Liberation Army (UPLA).

Reference: <https://www.thehindu.com/news/national/other-states/tripartite-peace-deal-linked-to-end-karbi-anglong-unrest/article36293998.ece>

Pacific Air Chiefs Symposium 2021 (PACS-21)

Question: At which of the following place the Pacific Air Chiefs Symposium 2021 (PACS-21) was recently held?

a) Hawaii b) Guam c) Diego Garcia d) None of these

Answer: (a)

Related facts:-

- From 30 Aug to 02 Sep 2021 Pacific Air Chiefs Symposium 2021 (PACS-21) held at Joint Base Pearl Harbor-Hickam, Hawaii.
- The Symposium was organised by the Pacific Air Forces (PACAF) a major command of the US Air Force (USAF).
- Air Chief Marshal RKS Bhaduria PVSM AVSM VM ADC, Chief of the Air Staff (CAS) attended the event.
- The theme of the event was- **Enduring Cooperation towards Regional Stability.**
- It was also attended by Air Chiefs from countries in the Indo-Pacific region.
- CAS of India RKS Bhaduria was nominated as the Dean for the Symposium.
- Deliberations were held in the Symposium through panel discussions, table top exercises and keynote addresses.
- It dealt upon the topics ranging from aspects of Regional Security and the significance of Air Domain Awareness.
- The symposium also focused on cooperation amongst Air Forces for Humanitarian and Disaster Relief Operations.



- In addition to participation in the symposium, CAS of India also met General Charles Q. Brown, Jr. Chief of Staff, U.S. Air Force and General Kenneth S. Wilsbach, Commander, Pacific Air Forces.
- He also held bilateral and multilateral meetings on defence cooperation and security with Air Chiefs from eleven other countries.
- Participation in PACS 2021 provided an opportunity for enhancing mutual understanding and deepening of relationships with like-minded nations.
- **Pacific Air Forces (PACAF):**
- Pacific Air Forces (PACAF) is a Major Command (MAJCOM) of the United States Air Force.
- PACAF is also the air component command of the United States Indo-Pacific Command.
- The mission of Pacific Air Forces is to provide ready air and space power to promote U.S. interests in the Asia-Pacific region during peacetime, through crisis, and in war.

Links:-

<https://www.airforce-technology.com/news/us-pacaf-pacific-air-chiefs-symposium-2021-hawaii/>

Plant-Based Air-Purifier for Indoor Spaces

Question: Which of the following institute of technology has recently came up with new product, a Living-Plant-Based Air-Purifier for Indoor Spaces?

a) IIT Roorkee b) IIT Ropar c) IIT Madras d) None of these

Answer: (b)

Related Facts:-

- IIT Ropar's startup Urban Air Laboratory, in collaboration with Delhi University, has created a plant-based indoor air purifier called Ubreathe Life.
- Unlike other air purifiers, Ubreathe Life amplifies air purification by taking into use natural leafy plants like Snake Plant, Spider Plants and Peace Lily.
- It has been claimed that the device can remove particulate matter, gaseous and biological contaminants and increase oxygen levels in indoor conditions.
- According to IIT Ropar director Prof. Rajeev Abuja that Ubreathe Life performed exceptionally well in the testing by National Accreditation Board.
- It has been found that this purifier brought down the Air Quality Index from 311 to 39 in 15 minutes of usage.



- Prof. Ahuja also informed that IIT is capable of producing the product on a large scale.
- The company behind the device claims it to be the world's first Smart Bio-Filter,
- It uses state-of-the-art technology to purify the air in an indoor space.
- How plant-based air purifier works?
- U breathe Life actually has a living, breathing plant as a part of the air purification device.
- The specific plants tested for air purification include Peace Lily, Snake Plant, Spider plant, among others and all have given good results in purifying indoor-air.
- This new purification device not required of water for the plant regularly as it has a built-in water reservoir of 150 ml capacity.
- After installing the device in a room, the air in the room comes in contact with the leaves of the plant and goes to the soil-root zone where maximum pollutants are purified.
- The new technology used in the plant-based purifier is called Urban Munnar Effect.
- It has been found that the breathing roots amplify the phytoremediation process of the plants.
- The purifier effectively improves air quality within a short time of being installed in a room.

Links:-

<https://timesofindia.indiatimes.com/city/ludhiana/iit-ropars-startup-introduces-first-plant-based-air-purifier/articleshow/85856488.cms>

Shipments of Ants, Avocados and Robotic Arm Sent to ISS

Question: Read the following statements carefully and select the correct answer from the code given below them?

i) On August 29, 2021; Dragon resupply spacecraft of SpaceX launched for resupply mission to ISS.

ii) It was the SpaceX's 10th mission for NASA in a decade.

iii) Dragon resupply spacecraft projected into the pace through the Falcon 9 rocket.

iv) The Girl Scouts sent up with this mission ants, brine shrimp and plants as test subjects.

Which of the above given statement/statements is/are incorrect?

a) i only b) ii only c) i & ii d) all are correct

Answer: (b)

Related Facts:-

- On August 29, 2021; Dragon resupply spacecraft of private American space company SpaceX, was launched for the International Space Station (ISS).
- The spacecraft has taken away with itself fresh food like avocados, lemons and ice cream for seven astronauts of the International Space Station (ISS).
- It was the SpaceX's 23rd mission for NASA in a decade.
- Dragon resupply spacecraft projected into the pace through the Falcon 9 rocket from Launch Complex 39A at NASA's Kennedy Space Center in Florida.
- It has carried with itself more than 4,800 pounds of science experiments, crew supplies, and spacecraft hardware.
- The Girl Scouts sent up with this mission ants, brine shrimp and plants as test subjects.
- University of Wisconsin-Madison scientists sent up through this mission, seeds from mouse-ear cress, a small flowering weed used in genetic research.
- The mission, had autonomously docked at the station around 11 a.m. on Aug. 30, and will remain at the station for about a month.
- NASA astronauts Megan McArthur and Shane Kimbrough will monitor arrival of the spacecraft.
- The science experiments Dragon will deliver the following:
 - READI FP (REducing Arthritis Dependent Inflammation First Phase)- This experiment evaluates the effects of microgravity and space radiation on the growth of bone tissue.
 - Retinal Diagnostics-It tests whether a small, light-based device can capture images of the retinas of astronauts to document progression of vision problems known as Space-Associated Neuro-Ocular Syndrome (SANS).
 - The Nanoracks-GITAI Robotic Arm- It will demonstrate the microgravity versatility and dexterity of a robot designed by GITAI Japan Inc.
 - MISSE-15 NASA: It is one of a series of investigations on Alpha Space's materials
 - It will be used in testing how the space environment affects the performance and durability of specific materials and components.
 - APEX-08- This experiment examines the role Plants grown under microgravity conditions typically display evidence of stress.
- First-stage booster of Falcon-9:-
 - The first-stage booster used in this mission was landed on newest ocean platform, called A Shortfall of Gravitas of SpaceX, after hoisting the Dragon capsule.



- The booster-recovery vessel was named so, in tribute to the late science fiction writer Iain Banks and his Culture series.

Links:-

<https://www.nasa.gov/press-release/cutting-edge-science-launches-on-nasa-s-spacex-cargo-resupply-mission>