

6 September 2021

1.) Which of the following ministry has started a pilot project to replace diesel with LNG ?

निम्नलिखित में से किस मंत्रालय ने डीजल को एलएनजी से बदलने के लिए एक पायलट परियोजना शुरू की है?

- a) Ministry of Coal
- b) Ministry of Transport
- c) Ministry of Education
- d) Ministry of Sports

Answer : Ministry of Coal

Explanation : In a big push to reduce its carbon footprint, national miner Coal India Ltd (CIL), Ministry of Coal has initiated the process of retrofitting Liquefied Natural Gas (LNG) kits in its dumpers – the big trucks engaged in the transportation of coal in mines. This is significant as the world's largest coal miner uses over 4 lakh kilolitres of diesel per annum with an annual expense of over Rs. 3,500 crores. The company in association with GAIL (India) Limited and BEML Limited has taken up a pilot project for retrofitting LNG kits in its two 100 tonne dumpers operating at the subsidiary Mahanadi Coalfields Ltd (MCL).

The main goal of the pilot project is to monitor the replacement rate of diesel with LNG in different load and operating conditions and also to capture the details of any change in characteristics of the dumper including cycle time and engine performance parameters, the executive added.

2.) Pravin kumar has claimed a silver medal in which event at the Tokyo Paralympics Games ?

प्रवीण कुमार ने टोक्यो पैरालिंपिक खेलों में किस स्पर्धा में रजत पदक का दावा किया है?

- a) High Jump

- b) Javelin Throw
- c) Shotput
- d) None of these

Answer : High Jump

Explanation : India's Praveen Kumar clinched the silver medal in the men's high jump T64 event of the Paralympics, taking the country's haul to 11 in the ongoing Games

The 18-year-old Kumar, competing in his debut Paralympics, set a new Asian record with a 2.07m jump to finish behind Great Britain's Jonathan Broom-Edwards, who notched up his season's best effort of 2.10m for the gold.

3.) Which country has recently developed a small helicopter to the purpose of surveillance work on future Mars Missions ?

किस देश ने हाल ही में भविष्य के मंगल मिशनों पर निगरानी कार्य के उद्देश्य से एक छोटा हेलीकॉप्टर विकसित किया है?

- a) India
- b) America
- c) Russia
- d) China

Answer : China

Explanation : China's Space Science Agency has recently developed a prototype small helicopter for the purpose of surveillance work on future Mars missions.

This helicopter has been developed after the historic landing of the robotic rover on Mars. Also, China has planned its first crewed mission to Mars in the year 2033.

The prototype is similar in appearance to the robotic helicopter Ingenuity, developed by NASA for its Perseverance mission.

4.) What is the total special Drawing Rights (SDR) allocation made by IMF to India ?

आईएमएफ द्वारा भारत को किया गया कुल विशेष आहरण अधिकार (एसडीआर) आवंटन कितना है?

- a) SDR 12.57 Million
- b) SDR 19.41 Million
- c) SDR 13.66 Million
- d) SDR 17.72 Million

Answer : SDR 13.66 Million

Explanation : The International Monetary Fund (IMF) has made an allocation of Special Drawing Rights (SDR) 12.57 billion (equivalent to around \$17.86 billion at the latest exchange rate) to India

This allocation is about 2.75 per cent of the overall 456.5 billion SDRs general allocation made to the Fund's member countries. IMF has a membership of 190 countries. "The total SDR holdings of India now stands at SDR 13.66 billion.

SDR is an interest-bearing international reserve asset created by the IMF in 1969 to supplement other reserve assets of member countries. SDR holdings is one of the components of the foreign exchange reserves (FER) of a country.

5.) Which state has recently decided to host the Defence Expo 2022 ?

हाल ही में किस राज्य ने डिफेंस एक्सपो 2022 की मेजबानी करने का निर्णय लिया है?

- a) Gujarat
- b) Maharashtra
- c) Assam
- d) Goa

Answer : Gujarat

Explanation : The next Defense Expo will be organized by Gujarat in 2022. Chief Minister Vijay Rupani announced this.

A Memorandum of Understanding has been signed between the Department of Defense Production and the Government of Gujarat in this regard. Around 100 countries are expected to participate in this biennial event.

Defence Expo-2022 will be held in Gandhinagar from 10th to 13th March next year. The aim of Defense Expo 2022 is to move from Make in India to make for the world. The Defence Expo-2022 will focus on making India a Defence manufacturing hub.

6.) Recently who has tied up for more than 100 'Skystriker' drones ?

हाल ही में 100 से अधिक 'स्काईस्ट्राइकर' ड्रोन के लिए किसने करार किया है?

- a) Supreme court
- b) Indian Army
- c) NABARD
- d) State Bank of India

Answer : Indian Army

Explanation : The Indian army, under the emergency procurement powers, has inked a pact of over 100 'Explosive-Laden Drones' , which will be manufactured by Bengaluru-based firm Alpha Design-led joint venture (JV) along with Israel's Elbit Security Systems (ELSEC). The contract is estimated to be around Rs 100 crore. The emergency powers pertain to the acquisition of weapons, ammunition, procurement of critical spares, and other operationally critical equipment which aims to permanent enhancement of operational capabilities of the Indian Armed forces.

7.) Which Institution is leading the cross border CBDC project, undertaken by central Banks in Australia, Singapore, Malaysia and South Africa ?

ऑस्ट्रेलिया, सिंगापुर, मलेशिया और दक्षिण अफ्रीका में केंद्रीय बैंकों द्वारा शुरू की गई सीमा पार सीबीडीसी परियोजना का नेतृत्व कौन सा संस्थान कर रहा है?

- a) IMF
- b) BIS
- c) BRICS Bank
- d) World Bank

Answer : BIS

Explanation : The Central banks in Australia, Singapore, Malaysia and South Africa are set to conduct a cross border payments trial using different central bank digital currencies (CBDC). Bank of International Settlement (BIS) Innovation Hub is leading the scheme. This latest project aims to develop prototype shared platforms for cross-border transactions using multiple CBDCs.

The initiative, which will also explore different technical, governance and operating designs, should publish its results in early 2022.

8.) National Wildlife day is observed on which date ?

राष्ट्रीय वन्यजीव दिवस किस तारीख को मनाया जाता है?

- a) 2 September
- b) 3 September
- c) 4 September
- d) 5 September

Answer : 4 September

Explanation : National Wildlife Day on September 4th encourages improved awareness of the species around us and in the broader world. This National Day focuses on endangered species, preservation, and conservation efforts around the world. Zoos, aviaries and marine sanctuaries provide a variety of ways to get involved.

This day, formerly celebrated and observed on September 4th, has added the date of February 22nd, to honor the memory and birthday of Wildlife Warrior, Steve Irwin.

9.) Which country has topped the Hurun India Future Unicorn List 2021 ?

हुरुन इंडिया फ्यूचर यूनिकॉर्न लिस्ट 2021 में कौन सा देश शीर्ष पर है?

- a) Russia
- b) China
- c) United States
- d) Singapore

Answer : United States

Explanation : India added three 'unicorns' per month in 2021 to nearly double the overall number of startups valued at over \$1 billion to 51 as of end-August

Even as, cumbersome regulations are forcing startups to leave India and settle in other countries where they enjoy better treatment, as per the Hurun India, which prepared the list. At present, India is the third in the list of countries having the most unicorns, trailing the US (396) and China (277), but ahead of UK (32) and Germany (18).