EXPLANATION

1. Ans) (d)

   Explanation :

   The government of Bangladesh has announced national mourning to honour the memory of the former President of India Pranab Mukherjee who passed away. Prime Minister Sheikh Hasina said that Pranab Mukherjee was a true friend of Bangladesh who was highly revered and loved by the people of Bangladesh. Bangladesh had conferred the honour of 'Bangladesh Muktijuddho Sommanona' on the former President Pranab Mukherjee in 2013 for his valuable contribution to Bangladesh's Liberation War of 1971. Other Indian recipients of this award were Former Prime Minister I. K. Gujral and former Prime Minister Atal Bihari Vajpayee.

2. Ans) (a)

   Explanation :

   In the fight against the spread of Covid 19 pandemic, the Railways has designed a health assistant Robot Rakshak which can remotely communicate between doctor and patient. The medical aid robot is able to measure health parameters such as temperature, pulse, oxygen percentage. It can also provide medicines, food to the patients and make a two-way video communication between the doctor and the patient. It can move in all directions at all levels with a range of remote operations up to 150 meters. With a full charge battery, the Rakshak robot can work continuously for 6 hours and can carry up to 10 kg of weight in its tray. It is based on Wi-Fi and therefore does not require any mobile data. It also operates with an Android mobile application.

3. Ans) (d)

   Explanation :

   Australia-India-Japan Ministers' meeting on Supply Chains Resilience was held.

   The ministerial-level meeting on Supply Chains was attended by Commerce and Industry Minister Piyush Goyal, Australia's Minister for Trade, Tourism and Investment and Japan's Minister of Economy, Trade, and Industry.

   They underscored the necessity and potential to enhance the resiliency of supply chains in the Indo-Pacific region.

   Recognizing the pressing need for regional cooperation on supply chain resilience in the Indo- Pacific, the Ministers shared their intention to work toward the launch of a new initiative to achieve the

objective through cooperation.

The details of the new initiative slated for launch later this year will be worked out by senior officials.

The ministers also invited other like-minded countries in the region to participate in the initiative.

4. Ans) (b)

Explanation :

Union Minister of Food Processing Industries gave its nod to 27 projects under the Pradhan Mantri Kisan SAMPADA Yojana for development of integrated cold chains and value addition infrastructure in the country. The new integrated cold chain projects will generate direct and indirect employment for over 16,000 people and benefit nearly 2,57,000 farmers. These 27 new projects will leverage a total investment of Rs 743 crore for the creation of cold chain facilities for the food processing sector across various states including Andhra Pradesh, Bihar, Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu and Uttar Pradesh. Under the Central Sector Scheme of Integrated Cold Chain and Value Addition Infrastructure, the Ministry provides financial assistance in the form of grant-in-aid at the rate of 35 % for general areas and the rate of 50 % for North-Eastern States, Himalayan States, ITDP Areas, and Islands for storage and transport infrastructure. The assistance at 50 % and 75 % respectively are also given for value addition and processing infrastructure subject to a maximum grant-in-aid of 10 crores per project for setting up integrated cold chain projects, including irradiation facility from the farm gate to the consumer.

5. Ans) (a)

Explanation :

Giving a push to the 'Aatmanirbhar Bharat' call by the Prime Minister, IIT Bombay has launched an alternative to Camscanner, a Chinese app mainly used for scanning documents, that was banned by the Government of India. The new app launched by IIT Bombay students is called as AIR SCANNER and is available free of cost. IIT Bombay has developed an indigenous alternative to Chinese document-scanning app, following the Centre's decision to ban 59 mobile apps.

6. Ans) (c)

Explanation :

As a first step towards Greening the Indian short term power Market, the Union Minister of State (IC) Power and New & Renewable Energy launched pan-India Green Term Ahead Market (GTAM) in electricity. The market is first Exclusive product for renewable energy sector in the world. Transactions through GTAM will be bilateral in nature with clear identification of corresponding buyers and sellers, there will not be any difficulty in accounting for Renewable Purchase Obligations (RPO). GTAM

contracts will be segregated into Solar RPO & Non-Solar RPO as RPO targets are also segregated. Further, within the two segments GTAM contracts will have Green Intraday, Day Ahead Contingency, Daily and Weekly Contracts Green Intraday Contract & Day Ahead Contingency Contract – Bidding will take place on a 15-minute time-block wise MW basis.Price discovery will take place on a continuous basis i.e. price time priority basis. Subsequently, looking at the market conditions open auction can be introduced for daily & weekly contracts. Energy scheduled through GTAM contract shall be considered as deemed RPO compliance of the buyer.

7. Ans) (a)

   Explanation

   Open market operations or OMOs are conducted by the Reserve Bank of India (RBI) by way of sale and purchase of Government Securities to and from the market. Hence A is the answer.

   It is done with an objective to adjust the liquidity conditions in the market.

   When the Reserve Bank feels that there is excess liquidity in the market, it resorts to sale of securities thereby sucking out the rupee liquidity.

   Similarly, when the liquidity conditions are tight, RBI may buy securities from the market, thereby releasing liquidity into the market.

8. Ans) (c)

   Explanation

   The Chola Empire was founded by Vijayalaya. He took over the Tanjore kingdom in the 8th century and led to the rise of the mighty Cholas by defeating the Pallavas. Hence, statement 1 is correct. Department of Science and Technology (DST) has launched 'Project Digital Poompuhar' to recreate the Chola Dynasty port city of Poompuhar in Tamil Nadu. Hence, statement 2 is correct.

9. Ans) (d)

   Explanation

   All Baobabs are deciduous trees ranging in height from 5 to 20 meters. Hence, statement 1 is not correct.They grow in low-lying areas of Africa and Australia. They are not naturally endemic to India.

10. Ans) (b)

   Explanation

   National Register of Citizens (NRC) is a citizen register, in which names of every citizen of India is recorded. It has been mentioned in The Citizenship Act of 1955. The only time that a National Register of Citizens (NRC) was prepared was in 1951 after the Census of 1951 in Assam.