



EXCEL CIVILS ACADEMY

DAILY CURRENT AFFAIRS

Date: 05-01-2021

1. Ans (c)

Explanation:

The fluvial riverine island is formed by the Brahmaputra river system.

It is surrounded by Subanisri River in the North, main Brahmaputra River on the South and kherkatia Suli, split channel of Brahmaputra River in northeast.

- Majuli island is mostly inhabited by Mishing tribal people. Apart from them, there are inhabitants from the Deori and Sonowal Kacharis tribes.
- It is the nerve centre of Assamese neo-Vaishnavite culture initiated by saint-reformer Srimanta Sankardeva in 15th century.
- In June 2016, Assam Government had officially declared the island as the district making it India's first island district.
- The Guinness World Records has officially designation Assam's Majuli as the largest river island in the world. It has become first island district of India.

2. Ans (c)

Explanation:

The Drugs Controller General of India (DCGI) has formally announced the final approval for Bharat Biotech "Covaxin" vaccine against the coronavirus disease (Covid-19) for emergency use.

3. Ans) (c)

Explanation :

Japanese Company and Kyoto University have decided to collaborate to develop the world's first wooden satellites by 2023. The research has already started on tree growth and the use of wooden materials in space.

4. Ans (b)

Explanation:

The budget session of Parliament is expected to be held under similar COVID-19 safety measures and restrictions, including strict physical distancing norms, that were in place for the monsoon session.

Article 85 requires that there should not be a gap of more than six months between two sessions of Parliament. The Constitution does not specify when or for how many days Parliament should meet.

5. Ans:c

Explanation:

Iran has resumed 20 percent uranium enrichment at its sensitive Fordow nuclear facility— a major step away from a 2015 nuclear deal struck with world powers.

- Enriched uranium is produced by feeding uranium hexafluoride gas into centrifuges to separate out the most suitable isotope for nuclear fission, called U-235.
- Low-enriched uranium, which typically has a 3-5% purity of U-235, can be used to produce fuel for commercial nuclear power plants.
- Highly enriched uranium has a concentration of 20% or more and is used in research reactors.

6. Ans:d

Explanation:

Iran agreed to rein in its nuclear programme in a 2015 deal struck with the US, UK, Russia, China, France and Germany. Under the Joint Comprehensive Plan of Action (JCPOA) Tehran agreed to significantly cut its stores of centrifuges, enriched uranium and heavy-water, all key components for nuclear weapons. The JCPOA established the Joint Commission, with the negotiating parties all represented, to monitor implementation of the agreement.

7. Ans:A

Explanation:

Kerala is on alert after bird flu in two districts.H5N8 subtype of Influenza A virus reported in ducks.

Avian influenza (bird flu):

It is a viral infection that can infect not only birds, but also humans and other animals. Most forms of the virus are restricted to birds.

It is a highly contagious viral disease affecting several species of food-producing birds (chickens, turkeys, quails, guinea fowl, etc.), as well as pet birds and wild birds.

Occasionally mammals, including humans, may contract avian influenza.

Influenza A viruses are classified into subtypes based on two surface proteins, Hemagglutinin (HA) and Neuraminidase (NA).

8. Ans:C

Explanation:

Health experts have noted that TFA can be found both naturally and artificially in foods. While natural TFAs present in small amounts in beef, lamb, and full-fat dairy products are not considered harmful, but industrially-produced artificial trans-fats, which are manufactured by done through adding hydrogen to vegetable oil, lead to an increase in bad cholesterol (LDL) and lowering of good cholesterol (HDL).

Hydrogenation is a process typically used by the industry to improve the flavour stability and keeping qualities of oil. Partial hydrogenation reduces the amount of saturated fats in oil, which are deemed unhealthy.

9. Ans:B

Explanation:

Pong Dam Lake is in news as more than 1,400 migratory birds were found dead recently due to an unexplained cause in the Pong Dam area of Kangra district in Himachal Pradesh. About Pong Dam Lake: The Pong Dam Lake, constructed on the Beas river in 1960, was declared a bird sanctuary in 1983 and given the status of the wetland of national importance in 1994. In 2002, it got the status of a Ramsar site.

10. Ans:A

Explanation:

The Odisha Forest department has stressed the need for stricter monitoring of social media platforms to check pangolin poaching and trading. Pangolin is the only scaly mammal on the planet. According to CITES, it is also the most illegally traded vertebrate within its class (Mammalia). Of the eight species of pangolin worldwide, two are found in India. They are Chinese pangolin, mostly found in northeast India and Indian pangolin. Chinese pangolin has been listed as “critically endangered”. Indian pangolin (*Manis crassicaudata*) has been listed as “endangered”. It is also a Schedule I category protected animal, under the Wildlife Protection Act (1972).