



EXCEL CIVILS ACADEMY

DAILY CURRENT AFFAIRS

Date: 10-11-2020

EXPLANATION

1. Ans) (b)

Explanation:

The Defence Research and Development Organisation (DRDO) has developed for passenger buses a technology called "Fire Detection and Suppression System (FDSS)". FDSS technology can detect fire in buses in less than 30 seconds and extinguish it in 60 seconds thereby reducing the risk to life and property to a significant extent. Demonstrations were given on water mist-based FDSS for passenger compartment and aerosol-based FDSS for engine fire. DRDO's Centre for Fire Explosive and Environment Safety (CFEES), Delhi has developed the technology. The FDSS for passenger compartment comprises a water tank of 80 litre capacity, a 6.8 kg nitrogen cylinder pressurised to 200 bar installed at appropriate location in the bus and a network of tubing with 16 number of atomizers inside the passenger compartment. The FDSS for engine comprises of aerosol generator with which the fire suppression could be achieved within 5 seconds of the system activation.

2. Ans) (a)

Explanation:

A model of Anti Satellite (A-SAT) Missile installed inside the DRDO Bhawan premises was unveiled today by Raksha Mantri Rajnath Singh. 'Mission Shakti' was country's first ever Anti-Satellite (ASAT) Missile Test successfully conducted on 27th March 2019 from Dr AP J Abdul Kalam Island in Odisha, where a fast-moving Indian orbiting target satellite in Low Earth Orbit (LEO) was neutralised with pinpoint accuracy. This was a highly complex mission, conducted at extremely high speed with remarkable precision. The successful conduct of Mission Shakti made India the fourth nation in the world with the capability to defend its assets in outer space.

3. Ans) (b)

Explanation:

Minister of Information Technology announced the fourth edition of the India Mobile Congress (IMC) 2020, through a video message. The IMC 2020 is scheduled for 8th -10th December, and will be held virtually this year given the ongoing pandemic. This prestigious event, jointly organized by the Department of Telecommunications (DoT) and Cellular Operators Association of India (COAT), will see 50+ participating countries, 110 + Global Speakers , Start-ups over the three day programme. This year IMC's theme is going to be - "Inclusive Innovation - Smart I Secure I Sustainable". IMC is considered the

largest Digital Technology Forum in Asia for bringing together the industry, Government, academia, and other ecosystem players to discuss the latest industry technology trends around major themes such as SG, Artificial Intelligence (AI), Internet of things (IoT) etc. COAI was constituted in 1995 as a registered, non-governmental society. COAI's vision is to establish India as the global leader of mobile communications infrastructure, products and services and achieving a national tele density of 100 per cent, including broadband.

4. Ans) (c)

Explanation:

The Fifteenth Finance Commission (XVFC) led by Chairman N K Singh, submitted its Report for the period 2021-22 to 2025-26 to the President of India. As per the terms of reference (ToR), the Commission was mandated to give its recommendations for five years from 2021-22 to 2025-26 by 30 October, 2020. Last year, the Commission had submitted its report containing recommendations for the year 2020-21 which was accepted by the Union Government and tabled in the Parliament on 30 January 2020. The Report will be available in the public domain once it is tabled in the Parliament by the Union Government.

Terms of reference (ToR):

The Commission was asked to give its recommendations on many unique and wide-ranging issues in its terms of reference. Apart from the vertical and horizontal tax devolution, local government grants, disaster management grant, the Commission was also asked to examine and recommend performance incentives for States in many areas like power sector, adoption of DBT, solid waste management etc. The Commission was also asked to examine whether a separate mechanism for funding of defence and internal security ought to be set up and if so how such a mechanism could be operationalised.

5. Ans) (c)

Explanation:

Prime Minister Narendra Modi will inaugurate the state-of-the-art office-cum-residential complex of Income Tax Appellate Tribunal (ITAT) at Cuttack on 11th November, 2020. Income Tax Appellate Tribunal, also known as ITAT, is an important statutory body in the field of direct taxes and its orders are accepted as final, on findings of fact. It is presently headed by Mr. Justice (Retd) P.P. Bhatt, formerly Judge of the High Court of Jharkhand and High Court of Gujarat. ITAT was the first Tribunal to be created on 25th January, 1941 and is also known as 'Mother Tribunal'. Starting with three benches in the year 1941, at Delhi, Bombay and Calcutta it has now grown to 63 Benches and two circuit benches spread across thirty cities of India. The Cuttack Bench of the ITAT was created and started functioning from 23rd May, 1970. The jurisdiction of Cuttack Bench extends to the whole of Odisha.

6. Ans) (c)

Explanation:

National e-Governance Division (NeGD) in partnership with National Law Institute University, Bhopal, launched an Online PG Diploma programme on 'Cyber Law, Crime Investigation & Digital Forensics' on 9th November 2020. This initiative will offer a nine-month Online PG Diploma Course in Cyber Law, Crime Investigation & Digital Forensics to about 1000 officials through NeGD's Digital Learning Management System (LMS) in collaboration with NLIU Bhopal under the "Digital India Programme".

The goal of this Programme is to enable Police Officers, State Cyber Cells, Law Enforcement Agencies, Prosecutors and Judicial Officers to acquire the requisite skills to deal with Cyber Forensics cases efficiently & effectively as per the Indian Cyber Law. A Cyber Forensics Lab is being established in the premises of National Law University (NLU) Delhi for facilitating this course.

7. Ans) (a)

Explanation

The National Legal Services Day is celebrated on 9th November every year to spread awareness for ensuring reasonable fair and justice procedure for all citizens. The National Legal Services Authority (NALSA) was constituted under the Legal Services Authorities Act, 1987. The Chief Justice of India is the Patron-in-Chief. Free legal services are provided in matters before Civil, Criminal and Revenue Courts, Tribunals or any other authority exercising judicial or quasi judicial functions.

8. Ans) (a)

Explanation

Ecologically Sensitive Areas (ESA) or Ecologically Fragile Areas are located within 10 km of Protected Areas, National Parks and Wildlife Sanctuaries. ESAs are notified by the Ministry of Environment, Forest and Climate Change (MoEFCC) under Environment (Protection) Act 1986. ESA aims to regulate certain activities around National Parks and Wildlife Sanctuaries so as to minimise the negative impacts on the fragile ecosystem encompassing the protected areas. Recently, a Kerala-based NGO for farmers has moved the Supreme Court (SC) to declare the draft notification on the Western Ghats Ecologically Sensitive Area (ESA) unconstitutional. It has sought a direction to the government to not implement the Madhav Gadgil and Kasturirangan committees' reports on the conservation of the Western Ghats.

9. Ans) (c)

Explanation

Blue Macaw is a parrot native to central and eastern South America. It is the largest macaw and the largest flying parrot species. Protection Status: IUCN Status: Vulnerable. CITES: Appendix- I Recently six blue or hyacinth macaws and two capuchin monkeys were released in the Assam State Zoo-cum-

Botanical Garden in Guwahati. The Zoo is located in the Hengrabari Reserve Forest in the capital city of Guwahati.

10. Ans) (c)

Explanation

Tehri Dam is the highest dam in India and fourth highest dam in the world. It is around 260.5 metre high and 592 metre long. The 440-metre long Dobra Chanti bridge is India's longest motorable single lane suspension bridge. It is part of the Tehri Dam & Hydro Power Project (the multi-purpose river valley project) taken up for construction on River Bhagirathi to tap its vast potential for irrigation and hydro-electric purposes. It is located in the Tehri district of Uttarakhand.