

DESCRIPTIVE SESSION**❖ International Internet Day**

- International Internet Day is celebrated on October 29 every year across the world to celebrate the usage of the internet for the first time.
- The day marks the sending of the first electronic message which was transferred from one computer to another in 1969. At that time the Internet was known as ARPANET (Advanced Research Projects Agency Network). The Internet provides instant access to information.
- The internet is defined as a remote connection between two computers. The first internet connection was made on October 29th, 1969.

❖ World Psoriasis Day

- World Psoriasis Day is observed every year on October 29th to make the general public aware of the important facts related to psoriasis and this disease and its treatment.
- In the year 2022, World Psoriasis Day is being observed with the theme of “Unloading Psoriatic Disease”.
- The first World Psoriasis Day was observed in 2004. In the year 2014, The World Health Organization’s member nations declared October 29th to be the official day to highlight Psoriasis after realising the value of raising awareness of this particular condition.

❖ Mata Amritanandamayi appointed as Chair of C20

- Spiritual leader Mata, Amritanandamayi Devi (Amma) has been appointed the Chair of the country’s Civil 20 (C20), an official engagement group of the Group of 20 (G20), by the union government.
- The G20 is the premier inter-governmental forum for the world’s developed and emerging economies to address financial stability on a global basis. The C20 is its platform for civil society organisations (CSOs) to bring forth non-government and non-business voices to the G20 leaders.
- India will assume the Presidency of the G20 for one year from December 1, 2022 to November 30, 2023.

❖ Centre approves Terai Elephant Reserve in Uttar Pradesh

- The Centre has approved the setting up of the Terai Elephant Reserve (TER) at Dudhwa-Pilibhit in Uttar Pradesh.
- The Terai Elephant Reserve is the 3rd Elephant Reserve in India which is spread over 3,049 sq km. The Terai Elephant Reserve includes protected areas, forest areas, and corridors for the conservation of wild elephants.
- The Terai Elephant Reserve will be developed in the joint forest areas of Dudhwa and Pilibhit tiger reserve. This will cover the conservation of four wild species including tiger, Asian elephant, swamp deer, and one-horned rhinoceros.
- The TER is the third new elephant reserve that got approval in the past three months under Project Tiger.
- The other two TER are Lemru in Chattisgarh and Agasthyimalai in Tamil Nadu.
- The Project Elephant is a centrally sponsored scheme that supports Elephant conservation in India.

❖ 12th World Hindi Conference

- 12th World Hindi Conference: According to P S Kartigeyan, the Indian High Commissioner to the South Pacific island, Fiji will host the famous World Hindi Conference for the first time next year as a new platform for the globalisation of Hindi.
- The governments of India and Fiji decided together to host the World Hindi Conference in Fiji.
- The Indian and Fijian governments will co-host the event, according to P S Kartigeyan, who was appointed the island nation's High Commissioner in January 2021.

❖ India's Per Capita Greenhouse Gas Emissions Below World Average: UNEP

- At 2.4 tCO₂e (tonne carbon dioxide equivalent), India's per capita greenhouse gas emissions were far below the world average of 6.3 tCO₂e in 2020, according to a new report released by the United Nations Environment Programme October 27.
- The "Emissions Gap Report 2022: The Closing Window", released ahead of the UN Climate Change conference (COP27) in Egypt next month, also said the international community is still falling far short of the Paris goals, with no credible pathway to limiting global temperature rise to 1.5 degree Celsius in place.

➤ To address climate change, countries adopted the Paris Agreement in 2015 to limit global temperature rise in this century to well below 2 degrees Celsius, preferably to 1.5 degrees Celsius, compared to pre-industrial levels.

❖ **‘Yudh Abhyas’**

➤ Indian and US militaries to conduct the battalion-level “Yudh Abhyas” exercise between 15th November 2022 to 2nd December 2022.

➤ The Yudh Abhyas will be held at Auli in Uttarakhand which is just 100 km from the Line of Actual Control (LAC). The member countries of the “Quad” will conduct the Malabar exercise off Yokosuka in Japan between 8th November 2022 to 18th November 2022.

➤ The “Quad” member countries include India, Australia, Japan, and the US. The Quad has declared that it would “deter” any “coercion” in the Indo-Pacific. “Yudh Abhyas” will include high-altitude warfare drills.

➤ In August, the US and Indian forces conducted the “Vajra Prahar” exercise at Bakloh in Himachal Pradesh.

➤ India to conduct the “Autra-Hind” infantry combat exercise at the Mahajan range in Rajasthan between 28th November 2022 to 11 December 2022.

❖ **SIMBEX 2022**

➤ SIMBEX 2022 maritime exercise: From October 26 to October 30, 2022, Visakhapatnam will play home to the 29th Singapore-India Maritime Bilateral Exercise (SIMBEX).

➤ The two phases of SIMBEX-2022 are the Harbour Phase at Visakhapatnam and the Sea Phase in the Bay of Bengal. On October 25, 2022, RSS Stalwart (a Formidable Class Frigate) and RSS Vigilance (a Victory Class Corvette), two ships from the Republic of Singapore Navy, arrived at Visakhapatnam to take part in the exercise.

➤ Exercise Lion King was the original name for the SIMBEX series of exercises, which debuted in 1994.

❖ **Garuda VII**

➤ Garuda VII air exercise: At Air Force Station Jodhpur, the Indian Air Force (IAF) and the French Air and Space Force (FASF) are taking part in the bilateral exercise “Garuda VII” from October 26 to November 12, 2022.

➤ FASF is taking part in this exercise with a troop of 220 people, one A-330 Multi Role Tanker Transport (MRTT) aircraft, and four Rafale fighter aircraft.

- The IAF is taking part with fighter aircraft including the Su-30 MKI, Rafale, LCA Tejas, and Jaguar as well as helicopters like the Light Combat Helicopter (LCH) and Mi-17.
- ❖ **Indian scientists develop first indigenous Overhauser Magnetometer**
- Indian scientists developed an indigenous Overhauser Magnetometer, one of the most accurate Magnetometers extensively used in all magnetic observatories around the world. The Overhauser Magnetometer will make way for reducing the cost of sampling, according to the Ministry of Science & Technology.
- The sensor installed at Alibag Magnetic Observatory (MO) can reduce dependence of India on commercial OVH Magnetometers for performing geomagnetic field measurements.