

DESCRIPTIVE SESSION

❖ World Arthritis Day

- The World Arthritis Day is observed every year on October 12 to raise awareness about arthritis, an inflammatory condition that causes pain and stiffness in joints that can worsen with age.
- This day was started by Arthritis and Rheumatism International (ARI) in 1996 in order to spread awareness about arthritis and encourage policymakers to help reduce the burden of arthritis.
- The World Arthritis Day theme 2021 is Don't Delay, Connect Today: Time2Work..
- The theme for this year is "It's in your hands, take action."

❖ International Day of the Girl Child

- The International Day of the Girl Child aims to raise awareness about the importance and potential girls hold as the future of our society.
- It focuses attention on the need to address the challenges girls face and to promote girls' empowerment and the fulfilment of their human rights.
- 2022 marks the 10th anniversary of International Day of the Girl Child.
- This year's theme is "Our time is now—our rights, our future".
- First time in history, the Beijing Declaration and Platform for Action in 1995, proposed an action plan to advance the rights of girls.
- In 2011, the United Nations General Assembly passed resolution 66/170 and adopted October 11 as the International Day of the Girl Child.
- International Day of the Girl Child was first observed in 2012 on October 11th.

❖ Nobel Prize: Economics

- Former Federal Reserve chairman Ben S. Bernanke (USA) was awarded the Nobel Prize in Economics, along with economists Douglas W. Diamond (USA) and Philip H. Dybvig (USA) for their research on bank runs and measures to prevent them.
- The three will share the prize money of 10 million Swedish kronor, or \$886,000.
- Established in the 1960s several decades after the original Nobel prizes, it is technically known as the Sveriges Riksbank prize in economic sciences in memory of Alfred Nobel.
- Previous winners, the majority of whom have been from the US, include Paul Krugman and Milton Friedman.

❖ A Balasubramanian re-elected as Chairman of AMFI

- A Balasubramanian has been re-elected as the chairman of the Association of Mutual Funds in India (AMFI), and Radhika Gupta as the vice-chairperson of the industry body.
- AMFI Founded: 22 August 1995; CEO: N.S.Venkatesh; Headquarters: Mumbai.

❖ Modhera: Country's first 24×7 solar-powered village

- Prime Minister Narendra Modi has declared Modhera village in poll-bound Gujarat as the country's first 24×7 solar-powered village.
- Modhera, which is famous for a centuries-old Sun temple built during the Chalukya, will also be known as a “solar-powered village”. Modi, who is on a three-day visit to Gujarat, will inaugurate various development projects worth more than ₹14,600 crores.

❖ Jharkhand and West Bengal: Worst states in terms of child marriage

- According to the latest demographic sample survey by the Union Home Ministry, Jharkhand and West Bengal were worst performing states in terms of child marriage.
- The survey was brought out by the office of the Registrar General and Census Commissioner, Ministry of Home Affairs. It was conducted in 2020 and the report was published late last month.

➤ Despite being renowned for its mines reserves, the state of Jharkhand has earned the disrepute of having the highest percentage of underage girls getting married. The percentage of girls getting married before attaining majority is as high as 5.8 in Jharkhand.

➤ Around 54.9 per cent of girls are married in West Bengal before attaining the age of 21 years, the figure for Jharkhand is 54.6 per cent as against the national average of 29.5 per cent.

➤ The Sample Registration System (SRS) Statistical Report contains estimates of various demographic, fertility and mortality indicators based on the data collected through one of the largest demographic surveys in the world covering about 8.4 million sample population.

❖ **Tele-MANAS initiative launched on occasion of World Mental Health day**

➤ The Union Health Ministry has launched a 24×7 tele-mental health service called Tele Mental Health Assistance and Networking Across States (Tele-MANAS) initiative on the occasion of World Mental Health Day.

➤ The service will start with 20 states and UTs and will subsequently be expanded to the entire country.

➤ Tele-MANAS aims to increase access to mental healthcare across the country, including the hard-to-reach areas.

➤ The country-wide network will provide counselling, consultation with a specialist, and e-prescriptions.

➤ The service can be accessed by calling the helpline number 14416 and 1-800-91-4416.

➤ The programme was first announced in 2022-23 Budget while acknowledging the mental health crisis in the wake of the Covid-19 pandemic.

❖ **Nitin Gadkari inaugurated Indian Roads Congress**

➤ Union Minister of Road Transport and Highways Nitin Gadkari inaugurated the 81st annual session of the Indian roads Congress in Lucknow.

➤ On the occasion, he highlighted the aims and dreams of Prime Minister Narendra Modi to make the Indian economy number one in the world, for which good infrastructure is necessary.

➤ In the inaugural ceremony of the Indian Roads Congress, the Union Minister of Road Transport and Highways said that by 2024 projects worth rupees five lakh crore will start in Uttar Pradesh.

➤ Nitin Gadkari emphasized the fact that India needs to convert the transport sector which will help the people of India and reduce pollution. India will reduce the use of Fossil fuel-run transport systems in the next five years.

➤ Uttar Pradesh hosted the 81st Indian Roads Congress in Lucknow from 8th October to 10th October.

❖ **India and Japan signed an MoU to develop scientific collaboration for Indian Ayurveda**

➤ India and Japan signed an MoU: The National Institute of Advanced Industrial Science and Technology (AIST), Japan, and the All India Institute of Ayurveda (AIIA) signed a Memorandum of Understanding (MoU).

➤ The MoU aims to increase academic institutions' technical capabilities and capacities.

➤ The goal is to improve Ayurveda by the use of cutting-edge scientific methods, equipment, and technologies.

➤ A joint research effort by the Indian Institute of Technology (IIT), Delhi and AIST was carried out even during the COVID-19 pandemic. They conducted study into Ashwagandha's effectiveness as a COVID-19 inhibitor.

➤ AIST and IIT Hyderabad have previously worked together to conduct artificial intelligence research.

❖ **China launches Kuafu-1 satellite to unravel secrets of the Sun**

➤ China launched the Advanced Space-Based Solar Observatory (ASO-S), named Kuafu-1.

➤ The Advanced Space-based Solar Observatory (ASO-S) was launched onboard a Long March-2D rocket.

- The observatory has been placed in an orbit about 720 kilometers above the planet, higher than the orbit of the International Space Station.
- The observatory, which is about 859 kilograms, lifted off from the Jiuquan Satellite Launch Center in northwest China.
- Kuaifu-1 has been launched with three major instruments, which include the Lyman-alpha Solar Telescope (LST), the Hard X-ray Imager (HXI), and the Full-disk Vector Magneto Graph (FMG).

❖ **4th Heli-India Summit 2022**

- Union Civil Aviation Minister Jyotiraditya Scindia and Jammu and Kashmir Lieutenant Governor Manoj Sinha inaugurated the 4th Heli-India Summit 2022 in Srinagar .
- The theme of 4th Heli-India Summit 2022 is 'Helicopters for last Mile Connectivity'.
- Lieutenant Governor of Jammu and Kashmir, Manoj Sinha, who was special guest during the summit said that the decision taken by the J&K UT government of decreasing VAT on Aviation Turbine Fuel (ATF) from 26.5 percent to one percent has increased air connectivity to J&K, with more than 100 flights being operated from J&K now.

❖ **MS Dhoni launches Made-in-India 'Droni' camera drone**

- Indian cricketing star Mahendra Singh Dhoni, who popularized the 'helicopter shot' has launched a quadcopter consumer camera drone named 'Droni'.
- The made-in-India camera drone with advanced features is manufactured by Garuda Aerospace, of which MS Dhoni is the Brand Ambassador.
- Company's founder and CEO: Agnishwar Jayaprakash.

❖ **36th National Games: Pooja Patel becomes first athlete to win Gold in Yogasana**

- At the 36th National Games, Pooja Patel of Gujarat has become the first athlete to win gold in Yogasana. Yogasana is one of the five sports to be played at the National Games this year for the first time. This Indian indigenous sport made its debut at the Khelo India University Games earlier this year.

➤ The 36th edition of the National Games is taking place in six cities of Gujarat. The event began on September 29 and will end on October 12. Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot, and Bhavnagar are the cities hosting the competition (only the track cycling event will take place in Delhi).

❖ **Djokovic wins 90th singles title of his career**

➤ Novak Djokovic claimed the 90th title of his career and the fourth of 2022 with a dominant straight-sets victory over Stefanos Tsitsipas in the ATP final in Astana.

➤ The 35-year-old Djokovic triumphed 6-3, 6-4 in 75 minutes to add to the trophies he won this season in Israel, Rome and at Wimbledon.

➤ It was the ninth consecutive match victory for the fourth seed, who guaranteed himself a spot at the 2022 ATP Finals as a result of the win.

➤ He was banned from the US Open and the entire North American hard court swing over his refusal to be vaccinated before returning for Roger Federer's farewell in the Laver Cup team event in London last month.

❖ **“ICC Player of the Month: September”**

➤ India captain Harmanpreet Kaur and Pakistan wicketkeeper batter Mohammad Rizwan won the ICC Player of the Month awards for September in women and men's categories respectively.

❖ **Cristiano Ronaldo reached record 700 club career goals**

➤ Cristiano Ronaldo (Manchester United) reached another historic landmark in his extraordinary career by scoring his 700th club goal.

➤ The 37-year-old Portuguese forward becomes the first and only player in this present generation to score seven times a hundred goals in football history. His 700th club goal extends his tally over Lionel Messi with Argentina forward scoring 691 goals.