

May - 16

## TNPSC BITS

- ❖ PM Narendra Modi Addressed in the second US-hosted global virtual summit on Covid-19.
- ❖ Manipur Chief Minister N. Biren Singh kicked off the 12th Hockey India Sub-Junior Women National Championship-2022 at Khuman Lampak Sports Complex in Imphal.
- ❖ Sri Lanka's former prime minister Ranil Wickremesinghe has been appointed as the new PM after the resigning of Mahinda Rajapaksa.
- ❖ The Madhya Pradesh high court has issued notices to the Archaeological Survey of India (ASI), Centre and the state government on a petition pertaining to the dispute over the monument of Bhojshala in state's Dhar district.
  - Bhojshala is an ASI protected 11th century monument, which Hindus claim is a temple of Vagdevi (Goddess Saraswati), while the Muslim community treats it as Kamal Maula Mosque.

## NATIONAL

### SSR and SRIMAN Guidelines

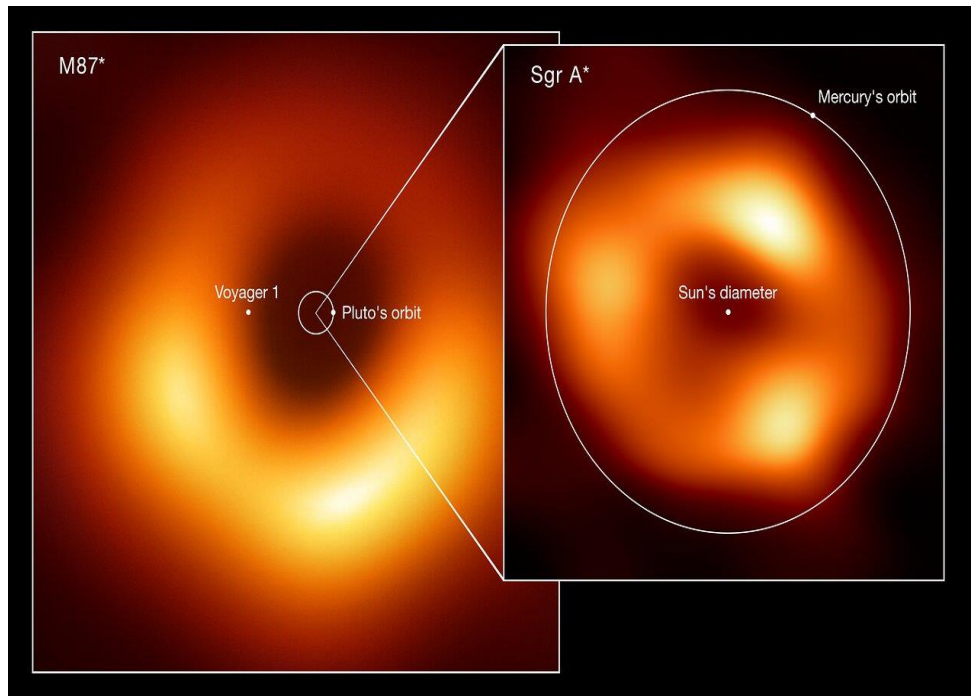


- ❖ SSR and SRIMAN Guidelines were released on the occasion of Technology Day.

- ❖ Scientific Social Responsibility (SSR) is vital for strengthening science and society linkages for making S&T ecosystem responsive to societal needs.
- ❖ The guidelines primarily involve bridging science-society, science-science and society-science gaps.
- ❖ Thereby it is bringing trust, partnership and responsibility of science at an accelerated pace towards achieving social goals.
- ❖ SRIMAN stands for Scientific Research Infrastructure Sharing Maintenance and Networks.
- ❖ This Guidelines aims to promote efficient utilisation and wider access of Research Infrastructure (RI) to scientists, researchers and industry professionals across the country.

## SCIENCE AND TECHNOLOGY

### First Image of a black hole



- ❖ Astronomers have unveiled the first image of the supermassive black hole at the center of our own Milky Way galaxy.
- ❖ The image was produced by a global research team called the Event Horizon Telescope (EHT) Collaboration, using observations from a worldwide network of radio telescopes.

- ❖ This is the first image of Sgr A\* or Sagittarius A the supermassive black hole at the centre of our galaxy.
- ❖ It's the first direct visual evidence of the presence of this black hole.

## ENVIRONMENT

### Global Annual to Decadal Climate Update



- ❖ The global annual to decadal climate update report was recently issued by the World Meteorological Organisation (WMO).
- ❖ There is a 50 per cent chance that the world may temporarily breach 1.5°C of warming in one of the next five years.
- ❖ There is a 93 per cent chance that at least one year between 2022 and 26 will replace 2016 as the warmest year on record.
- ❖ The chance of temporarily exceeding 1.5°C has risen steadily since 2015, when it was close to zero.
- ❖ India could be among the few regions globally where below normal temperatures have been predicted for the year 2022 and the next four years.
- ❖ This may be because of the possible increase in rainfall activity in this decade.
- ❖ Many parts of India will receive above-normal rainfall.
- ❖ This will keep temperatures low.

## STATES

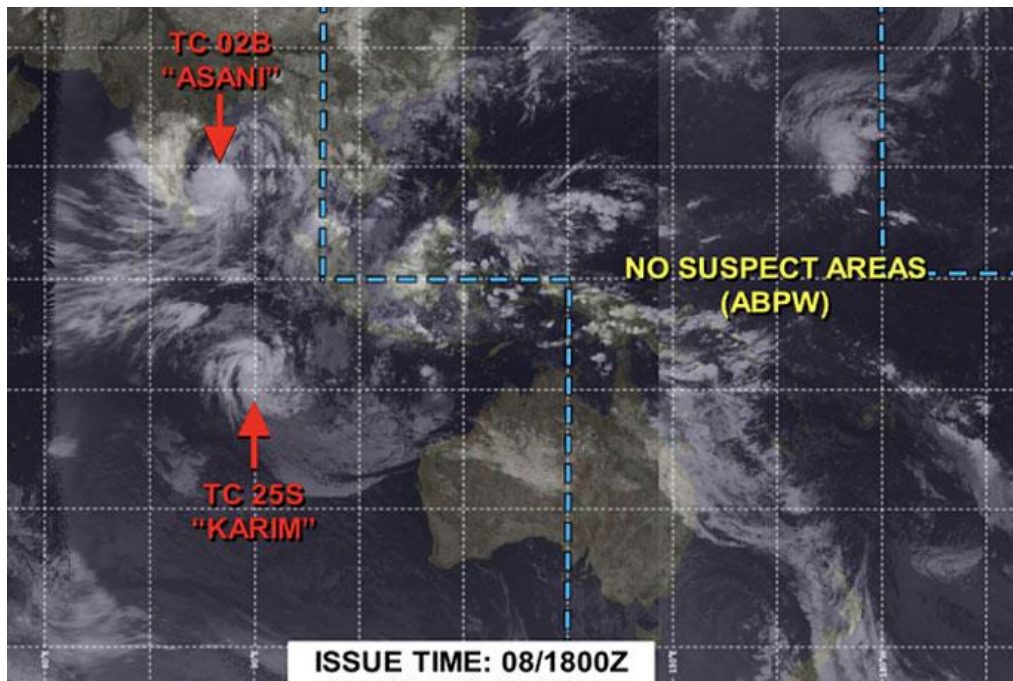
### First 'smoke-free state'

- ❖ Himachal Pradesh became the first LPG enabled, also, smoke-free state.
- ❖ This milestone was achieved due to the Ujjwala Scheme and Grahini Suvidha Yojana by Centre.

- ❖ The Ujjwala scheme was introduced by the government to get rid of the smoke.
- ❖ The Grahini Suvidha Scheme was introduced to assist the women of rural areas.



### **Cyclone Asani and Karim**



- ❖ It is a pair of cyclones in the Indian Ocean region, one in the northern hemisphere and one in the southern hemisphere.
- ❖ They Named cyclone Asani and cyclone Karim respectively.



- ❖ These are twin cyclones originating in the same longitude and now drifting apart.
- ❖ While 'Asani' circles anti-clockwise, its twin 'Karim' is brewing clockwise south of the equator.
- ❖ Asani, a name is given by Sri Lanka and Cyclone 'Karim', is named by the South African country Seychelles.

## IMPORTANT DAYS

### National Technology Day – May 11

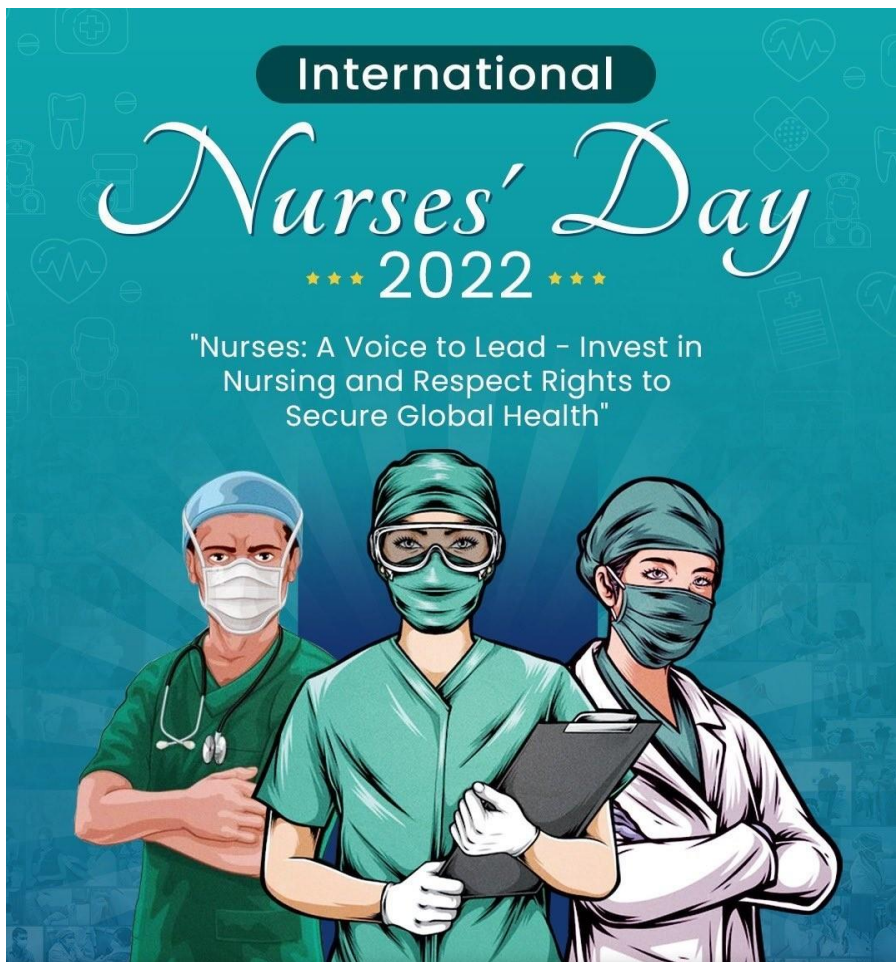


- ❖ This day mark the anniversary of the Pokhran nuclear tests (Pokhran-II) conducted in May 1998.
- ❖ They were a series of five nuclear tests conducted under the administration of Dr. APJ Abdul Kalam at the Indian Army's Pokhran Test Range in Rajasthan's Thar desert from 11th to 13th May 1998.
- ❖ Operation Shakti was the code name of the Pokhran-II nuclear tests
- ❖ The first nuclear tests were conducted by India in 1974.
- ❖ It was code-named, Smiling Buddha.

- ❖ National Technology Day was first observed on 11th May 1999.

### **International Nurses Day – May 12**

- ❖ It aims to honour the services of nurses.
- ❖ It is the birth anniversary of Florence Nightingale, the English social reformer, statistician and founder of modern nursing.
- ❖ She was also known as Lady with the Lamp.
- ❖ The theme for this year's Nurses' Day is "Nurses: A Voice to Lead – Invest in Nursing and respect rights to secure global health".



### **International Day of Plant Health – May 12**

- ❖ It aims to raise global awareness on how protecting plant health can help end hunger, reduce poverty, protect biodiversity and the environment, and boost economic development.



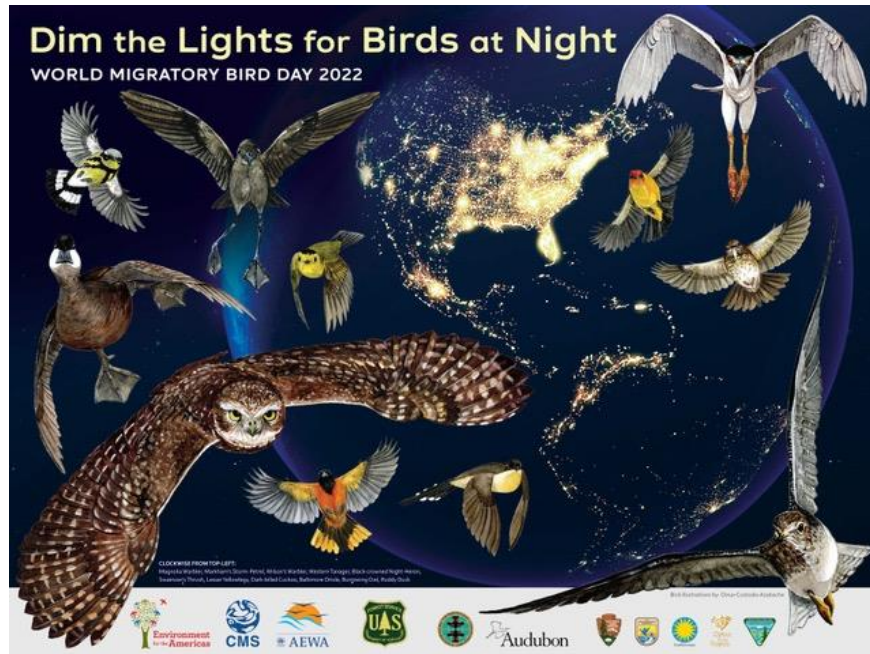
- ❖ The United Nations General Assembly (UNGA) in March 2022 passed a resolution to mark this day.
- ❖ The year 2020 was declared as International Year of Plant Health (IYPH) by the United Nations (UN).
- ❖ However, the IYPH was extended till 1 July 2021 to complete the pending activities, which were severely disrupted by the coronavirus pandemic.



### **World Migratory Bird Day – May 14**

- ❖ It aims to raise awareness and highlighting the need for the conservation of migratory birds and their habitats.
- ❖ The main focus of the day is to draw attention to the threats faced by migratory birds, their ecological importance, and the need for international cooperation to conserve them.
- ❖ The Day is celebrated bi-annually on the second Saturday in May and in October.

- ❖ “Impact of Light Pollution on Migratory Birds” is the theme of this year’s World Migratory Bird Day campaign.



## MISCELLANEOUS

### Menstrual leave



- ❖ Spain could become the first European country to introduce three days medical leave per month for women with severe period pain.
- ❖ The leave could be extended to five days in some circumstances.
- ❖ A small group of countries like India, Japan, Taiwan, Indonesia, South Korea and Zambia provide menstrual leaves.





- ❖ In India, there is no legal right for women to get menstrual leaves.
- ❖ But Bihar provides two days of government-approved leave during periods.

