

November - 11

## TNPSC BITS

- ❖ R Praggnanandhaa and compatriot P V Nandhidhaa won the titles in the Open and women's sections respectively in the Asian Continental Chess championship.

## NATIONAL

### Biggest Ever Coal Mine Auction

- ❖ The Union Finance Minister launched the biggest-ever coal mine auction of 141 mines.
- ❖ The mines being auctioned are spread across coal/lignite-bearing states of Jharkhand, Chhattisgarh, Odisha, Madhya Pradesh, Maharashtra, West Bengal, Andhra Pradesh, Telangana, Rajasthan, Tamil Nadu, and Bihar.
- ❖ Despite being the world's fourth-largest producer of coal, India is the second-largest importer of the dry-fuel.

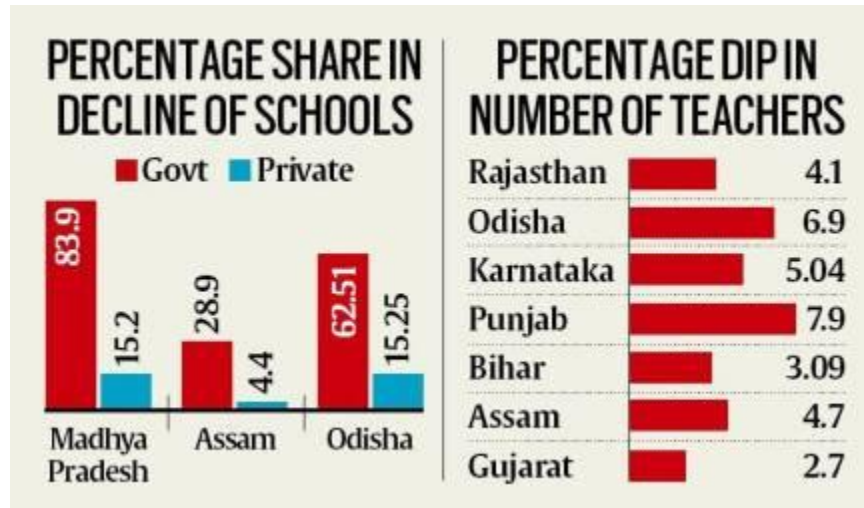


### UDISE+ Report

- ❖ The Union Education Ministry released the detailed report on Unified District Information System for Education Plus (UDISE+) 2021-22 on school education of India.

- ❖ Unified District Information System for Education (UDISE) was initiated in 2012-13.
- ❖ UDISE+ is an updated version of UDISE, where the data from the schools is collected online and in real-time.
- ❖ UDISE+ was developed by the Department of School Education and Literacy in 2018-19.
- ❖ The total enrolment in school education from primary to higher secondary in 2021-22 is 25.57 crore.
- ❖ This is a 19.36 lakh increase when compared with the 2020-21 UDISE+ data.
- ❖ The total number of enrolment of students belonging to scheduled castes increased from 4.78 Crore in 2020-21 to 4.82 Crore in 2021-22.
- ❖ The scheduled tribe enrolment increased from 2.49 crore in 2020-21 to 2.51 crore in 2021-22.
- ❖ Enrolment by OBC students also increased from 11.35 crore in 2020-21 to 11.48 crore in 2021-22.
- ❖ The performance of GER in higher secondary has significantly improved from 53.8% in 2020-21 to 57.6% in 2021-22.
- ❖ The total enrolment of children with special needs in 2021-22 is 22.67 lakh.
- ❖ This is a 3.45 per cent increase from the 21.91 lakh in 2020-21.
- ❖ In 2021-22, 95.07 lakh teachers are involved in school education. Of these more than half of them are female teachers.
- ❖ The total number of teachers have declined by 1.95 per cent in 2021-22, when compared with the 2020-21 figures.
- ❖ Highest number of enrolment of students in government schools and recruitment of teachers happened in Uttar Pradesh.
- ❖ The Pupil Teacher Ratio in 2021-22 is 26 for primary, 19 for upper primary, 18 for secondary and 27 for higher secondary.
- ❖ In 2021-22, around 12.29 crore girls enrolled in primary to higher secondary education.
- ❖ This is an increase of 8.19 lakh when compared with the 2020-21 report.
- ❖ More than 20,000 schools have been shut down in a year.
- ❖ Only 27% of schools have special toilets for CSWN and more than 49% of these schools have ramps with handrails.
- ❖ Only 44.85% schools had computer facilities and nearly 34% have internet connectivity.
- ❖ Around 77% schools have playground facilities in 2021-22.

- ❖ Nearly 27.7% schools had kitchen garden in 2021-22.
- ❖ 98 lakh schools (33%) have been certified under Fit India Schools.



## ECONOMY

### Best Countries Ranking Report

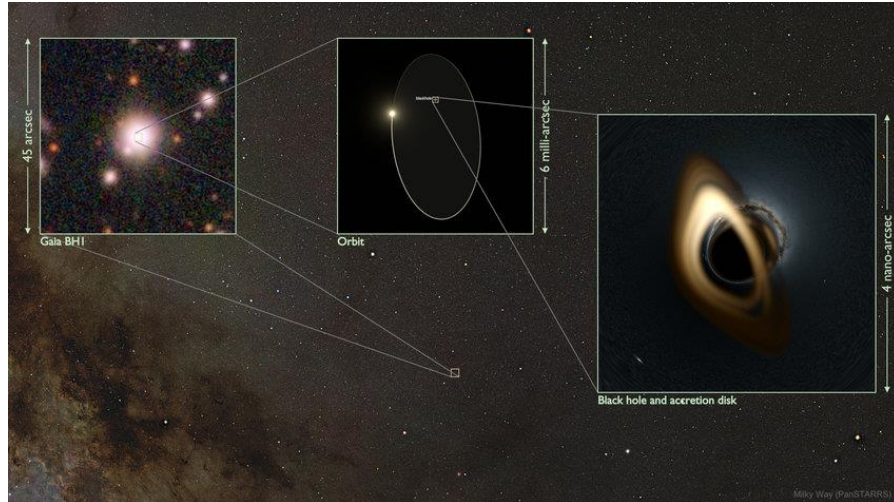
- ❖ The US News and World Report states that India has been ranked as the nation with the cheapest manufacturing cost ahead of China and Vietnam.
- ❖ According to the report, out of 85 nations, India has secured the 31st position in the overall best countries ranking.
- ❖ As per the report, under the open for business sub-category, India has scored 100 per cent when it comes to cheap manufacturing costs.
- ❖ But in 'favourable tax environment', it has scored 16.2 out of 100; 18.1 in the 'not corrupt' category and 3.5 in 'transparent government policies'.
- ❖ Also, the nation scored 9.9 in 'economically stable' sub-category.
- ❖ In the overall Best Countries ranking, Switzerland has topped the chart, followed by Germany, Canada, US and Sweden.

## SCIENCE AND TECHNOLOGY

### Black Hole 'Gaia BH1'

- ❖ Astronomers has discovered the closest-known Black Hole to Earth using the International Gemini Observatory.

- ❖ The dormant black hole, dubbed Gaia BH1, sits 1,600 light-years away in the constellation Ophiuchus.
- ❖ The black hole weighs 10 times the mass of our sun.
- ❖ It is three times closer to Earth than the previous record-holder, an X-ray pair in the constellation of the Monoceros.



## PERSONALITIES, AWARDS, AND EVENTS

### First voter of Independent India



- ❖ Shyam Saran Negi, who cast the first vote in the 1951 general election, is passed away recently.
- ❖ He exercised his right to franchise for the 34th time for the 2022 Himachal Pradesh Assembly elections.

- ❖ He voted for the first time in 1951 in the general elections of India and has voted for sixteen times in Lok Sabha Elections.

### **EK Janaki Ammal birth anniversary**

- ❖ November 4 marks the 125th birth anniversary of Edavalath Kakkat Janaki Ammal.
- ❖ She was a pioneering botanist and the first Indian woman to be awarded a PhD in the botanical sciences.
- ❖ She is known widely for her contributions to science – in the field of genetics, cytology, evolution, and more.
- ❖ She authored ‘The Chromosome Atlas of Cultivated Plants’ in 1945 which contained her work on many species.
- ❖ To honour her work, the Royal Horticultural Society named a variety of Magnolia blossoms after her – the Magnolia Kobus Janaki Ammal.



## **MISCELLANEOUS**

### **Adaptation Gap Report 2022**

- ❖ The report titled “The Adaptation Gap Report 2022: Too Little, Too Slow – Climate adaptation failure puts world at risk” was released by the United Nations Environment Programme (UNEP).

- ❖ It has been published each year since 2014 by the UNEP.
- ❖ It provides science-based assessment of the global progress on adaptation planning, financing and implementation.
- ❖ The current global efforts in adaptation planning, financing and implementation are insufficient to address the growing climate-related risks.
- ❖ The world is currently on track for a 2.8°C increase in average global temperature.
- ❖ According to researchers, if global warming is above 2°C, it could cause catastrophic climate crisis.
- ❖ At least 84% of parties to the UNFCCC have adaptation plans, strategies, policies and laws in place.
- ❖ This is a 5% increase when compared with the previous year.
- ❖ A third of the 197 parties of the UNFCCC have a quantified and time-bound targets focusing on climate adaptation.
- ❖ The cost of the adaptation needs is expected to increase to 160-340 billion USD by 2030 and 315-565 billion USD by 2050.



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