



Q. Recently, which state has implemented Uniform Civil Code?

a Uttar Pradesh

c Madhya Pradesh

c Uttarakhand

c Maharashtra

Answer **c**

EXPLANATION

- ✓ Recently Uttarakhand implemented Uniform Civil Code (UCC).
- ✓ The goal of the UCC is to standardise uniform laws for all citizens regardless of their religion.
- ✓ A committee was formed under the leadership of Justice Ranjana P. Desai to implement the Uniform Civil Code in Uttarakhand.
- ✓ Under Article 44 of the Indian Constitution, a provision has been made to implement Uniform Civil Code.
- ✓ It should be noted that Goa is the first state to implement Uniform Civil Code.



Q. Recently, Jigarthanda (S-2) seen in the news is :

- a** India's first fusion reactor
- c** India's latest fast breeder reactor
- c** India's latest atomic clock
- c** India's first hypervelocity expansion tunnel facility

Answer **d**

EXPLANATION

- IIT Kanpur has recently developed and successfully tested a 24 meter long Hyper Velocity Expansion Tunnel Test Facility named Jigarthanda (S-2).
- This is India's first Hyper Velocity Expansion Tunnel facility, designed by Associate Professor Ibrahim Sugarno and his team at the institute.
- This test facility will make it easier for future hypersonic cruise missiles or rocket launcher vehicles to be designed to give accurate results at higher speeds.
- This is an achievement that is going to create new standards for hyper velocity research.
- This will enable rapid development of India's capabilities in the space and defence sectors in future.



Q. Regarding NexCAR 19 seen in recent news, consider the following statements:

- 1** It has been engineered to precisely target cancer cells that express the Cd19 protein.
- 2** Despite its efficacy in cancer therapy, the only drawback of this treatment is its potential to induce neurotoxicity.

Which of the above statements is/are correct?

- | | |
|-----------------------|--------------------------|
| a Only 1 | b Only 2 |
| c Both 1 and 2 | d Neither 1 nor 2 |

Answer **c**

EXPLANATION

- ☑ NexCAR 19 is a type of CAR-T (Chimeric Antigen Receptor T cell) and gene therapy developed indigenously in India by ImmunoACT, a company incubated at IIT Bombay.
- ☑ It is designed to target cancer cells carrying the CD19 protein. This protein acts like a flag on cancer cells, allowing CAR-T cells to recognize and attach themselves to the cancer cells and begin the elimination process.
- ☑ If CAR-T cells that recognize CD19 enter the brain, there may be a risk of neurotoxicity, which could be potentially life-threatening.
- ☑ Furthermore, NexCar19 therapy is associated with minimal cytokine release syndrome (CRS), which is characterised by inflammation and hyper-inflammation due to the death of targeted tumor cells, demonstrating its efficacy and potential for cancer treatment.



Q. Recently, for the sixth consecutive time, RBI has kept the repo rate unchanged at how many percent?

a 6.0%

b 6.25%

c 6.5%

c 6.75%

Answer **c**

EXPLANATION

- ✓ Recently, RBI did not make any change in the repo rate for the sixth consecutive time. MPC has decided to keep the repo rate unchanged at 6.5%.
- ✓ At the same time, the real GDP growth estimate for the financial year 2024 has been kept at 6.5% and the inflation estimate has also been kept at 5.4%.
- ✓ Repo rate is the rate at which the central bank of a country lends money to commercial banks in case of any shortage of funds.
- ✓ Keep in mind, repo rate is used by monetary authorities to regulate money supply in the market and control inflation.



12-02-2024

DAILY MCQ'S

**70th BPSC
PRELIMS EXAM**

Q. Who won the SAFF U-19 Women's Championship recently?

a Sri Lanka

b Nepal

c Bhutan

c India

Answer d

EXPLANATION

- India became the winners of the South Asian Football Federation (SAFF) Under-19 Women's Championship held in Dhaka on 8 February 2024.**
- The South Asian Football Federation (SAFF) is an association of football playing nations in South Asia and is a regional subsidiary of the Asian Football Confederation.**
- SAFF was established in 1997. The union has 7 members - Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.**