



Daily Current Affairs Prelims Quiz 20-01-2025 (Online Prelims Test)

1) Consider the following statements with respect to the Planet Parade

1. It is a situation when several planets in our solar system are visible in the night sky, at the same time.
2. They aren't super rare, but they don't happen every year.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : c

Planet Parade

Six planets including Venus, Saturn, Jupiter, Mars, Uranus, and Neptune are currently forming a breath-taking arc in night sky.

- A 'planet parade' refers to a situation when several planets in our solar system are visible in the night sky, at the same time.
- It is not a technical term in astronomy.
- "Planets have different motions and They move at different rates compared to the other stars.
- Not all of them are visible in the sky every day, but sometimes a position comes about so that many or all the planets are visible at the same time, or within a few hours of each other.
- **Planet parades aren't super rare, but they don't happen every year.**
- According to the NASA website, the last such planet parade occurred in May-June 2024, when all planets of the solar system were visible in the morning sky.
- Five out of the seven planets (the eighth being Earth, where we live) are visible to the naked eye.
 - The other two require some form of magnification to be seen, because of how far they are from the Sun and Earth.

2) Haji Pir Pass, sometimes seen in the news recently, is situated at?

- a. Sikkim
- b. Arunachal Pradesh
- c. Uttarakhand
- d. None of the above

Answer : d

Haji Pir Pass

- Haji Pir pass was the area of contention during the Indo-Pakistani War of 1965.
- The war resulted in India capturing the entire Haji Pir bulge including the 8,652 feet high Haji Pir pass in Pakistan Occupied Kashmir.
- Haji Pir Pass is situated nearly 8 km **inside the Pakistan occupied Kashmir**.

3) Consider the following statements with respect to Gates-Cambridge Impact Prize, 2025

1. Urbasi Sinha, a faculty at the Raman Research Institute was one of the winners of the award.
2. The winners of the award will receive 5,000 (pound sterling).

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : c

Gates-Cambridge Impact Prize, 2025

- The Gates-Cambridge Impact Prize was established by The Gates Cambridge Trust in October 2000.
- Impact award is defined as a demonstrable contribution to change in various fields, including the economy, society, culture, the environment, public policy, health, and quality of life.
- The winners of the award will receive 5,000 (pound sterling) and be invited to participate in our 2025 anniversary events.
- The prize is open to all members of the Gates Cambridge community, and both individual scholars and teams, where a Gates Cambridge scholar plays a substantial role, are eligible.
- There are 8 winners for the Gates-Cambridge Impact Prize, 2025 including **Professor Urbasi Sinha**, faculty at the Raman Research Institute (RRI) for the theme in the Light and Matter Physics.
- **Professor Urbasi Sinha** - Is a researcher in both quantum fundamentals and technologies.
- She is the head of the Quantum Information and Computing (QuIC) lab at Raman Research Institute (RRI).
- RRI an autonomous institute of Department of Science and Technology.
- Her lab was one of the first in India to manufacture and establish the *usage of heralded and entangled photon sources* towards various applications in the following areas:
 - Quantum communication, quantum computing, quantum optics and quantum fundamentals and information processing.
- **The achievements by the Professor Urbasi Sinha includes:**
 - Awarded the prestigious *Rashtriya Vigyan Yuva Puraskar* by the Government of India.
 - A recipient of the *Canada Excellence Research Chair (CERC)* in Photonic Quantum Science and Technologies, University of Calgary, Canada.
 - She has played a leading role in the *creation of the Open Quantum Institute (OQI)*, first of its kind multi-stakeholder institution, launched at CERN in March 2024.
 - An *affiliate member*, Institute for Quantum Computing, Waterloo, Canada, and the Centre for Quantum Information and Quantum Computing at the University of Toronto.

4) Amangarh Tiger Reserve, sometimes seen in the news recently is situated at?

- a. Uttar Pradesh
- b. Uttarakhand
- c. Chhattisgarh
- d. Sikkim

Answer : a

Amangarh Tiger Reserve (ATR)

- Amangarh Tiger Reserve is situated in the *foothills of the Himalayas*, in **Uttar Pradesh's** Bijnor district.
- ATR was originally part of the Corbett Tiger Reserve.
- After the creation of Uttarakhand in 2000, ATR remained in Uttar Pradesh, separated from its famous counterpart.
- Out of the 3 Tiger Reserves in Uttar Pradesh, Amangarh Is Emerging as an **Important Eco-tourism**.
- Apart From Tigers, 105 Elephants are reported in elephant census-2019.

