

Weekly Quiz (18th Feb- 24th Feb)

Q1. Consider the following statements about Rheumatoid Arthritis

1. It is a chronic inflammatory disorder affecting joints and occasionally other body parts.
2. It's an autoimmune condition where the immune system mistakenly attacks the body's tissues.
3. This disease predominantly affects women, with hormonal factors possibly playing a role in the gender difference.

How many of the above statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q2. Consider the following statements about Jnanpith Award

1. It is India's oldest and highest literary award.
2. It's given biannually to an author for their "outstanding contribution towards literature.
3. It was established by Sahu Shanti Prasad Jain and his wife Rama Jain.

How many of the above statements is/are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q3. Which of the following is a technique to visualize the complete set of chromosomes in a cell, and is commonly used to diagnose chromosomal abnormalities, albeit requiring live cells and labor-intensive cell culturing and staining?

- a) Chromosomal Microarray
- b) Chromosomal Karyotyping
- c) Chromosome Banding
- d) None of the Above

Q4. As upheld by the Supreme Court of India in Mohd. Ahmad Khan v. Shah Bano Begum, 1985, Muslim women could seek maintenance under which legislation?

- a) Criminal Procedure Code
- b) Civil Procedure Code
- c) Dissolution of Muslim Marriages Act
- d) None of the Above

Q5. Consider the following statements about Supernova

1. It is an explosion of a star. It is the largest explosion that takes place in space.
2. It typically occurs happens where there is a change in the core, or center, of a star.
3. It occurs at the end of a single star's lifetime.

How many of the above given statements are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the Above

Q6. Consider the following statements about CE20 Cryogenic Engine

- 1. It is an indigenous cryogenic engine developed by ISRO.
- 2. It improves upon the CE-7.5 cryogenic engine and is crucial for ISRO's Gaganyaan mission.
- 3. It serves as the powerhouse of the Cryogenic Upper Stage (CUS), propelling the upper stage (C25) of the LVM3 vehicle.

How many of the above given statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the Above

Q7. Consider the following statement about Dracunculiasis

- 1. It is also known as Guinea Worm Disease
- 2. It is a rarely fatal disease, but infected people become non-functional for weeks and months. It is contracted when people consume water contaminated with larvae.
- 3. It is characterized by a painful blister and ulcer through which the worm emerges from the body, typically affecting the legs and feet.

Which of the above given statements is/are correct:

- a) Only 1 and 2
- b) Only 2 and 3
- c) Only 1 and 3
- d) All of the Above

Q8. Which of the following defines it as an energy and mass analyser designed for in-situ measurements of solar wind electrons and ions in the low energy range?

- 1. PAPA (Plasma Analyser Package for Aditya)
- 2. APPLE (Analyser Package PayLoad Experiment)
- 3. SARA (Sub-keV Atom Reflecting Analyzer)
- 4. None of the Above

Q9. Consider the following statements about Surrogacy (Regulation) Act, 2021

- 1. The Surrogacy (Regulation) Act, 2021 has banned Altruistic Surrogacy in India.
- 2. The Central Government shall by notification, appoint appropriate authorities for each of the Union territories and states for this Act.
- 3. The Act permits surrogacy when it is for intending couples who suffer from proven infertility.

How many of the above given statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q10. Consider the following schemes

1. Janani Shishu Suraksha Karyakram (JSSK)
2. Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) (2016)
3. Pradhan Mantri Matru Vandana Yojana (PMMVY) (2016)
4. Anaemia Mukta Bharat (2018)

How many of the above given scheme are aligned with the POSHAN Abhiyaan?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the Above

Q11. Match the following

Planets	Moons
1. Saturn	A. Deimos
2. Jupiter	B. Callisto
3. Neptune	C. Mimas
4. Mars	D. Hippocamp

Codes:

- a) 1-C, 2-B, 3-A, 4-D
- b) 1-B, 2-A, 3-D, 4-C
- c) 1-C, 2-B, 3-D, 4-A
- d) 1-D, 2-C, 3-A, 4-B

Q12. Among the following who are eligible to benefit from the “Mahatma Gandhi National Rural Employment Guarantee Act”? (2011)

- a) Adult members of only the scheduled caste and scheduled tribe households
- b) Adult members of below poverty line (BPL) households
- c) Adult members of households of all backward communities
- d) Adult members of any household

Q 13. Consider the following statements about Ultradian Rhythms

1. It repeats approximately every 24 hours.
2. It has shorter cycles, typically minutes to a few hours.
3. It is essential for various bodily functions and processes.

How many of the above given statements is/are incorrect

- a) Only 1
- b) Only 2
- c) Only 3
- d) All of the above

Q 14. Consider the following statements about Article 21 of the Indian Constitution

1. It guarantees that children have the right to protect their genetic information from DNA testing in divorce proceedings, as it is part of their fundamental right to privacy.
2. It declares that no person shall be deprived of his life or personal liberty except according to procedure established by law.
3. This right is only available to both citizens of India.

How many of the above given statements is/are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) All of the Above

Q 15. Under which one of the following conditions can the Government of India suspend freedom of speech and expression to retain its democratic character?

- a) A sharp difference between the two political parties
- b) During various protests and demonstrations against the government policies
- c) When a section of people have been agitating for the secession of a part of the country
- d) None of the above