

Weekly Quiz (10th-16th July)

Q1. Consider the following statements about Turtles

1. The turtles feed on meat and waste products thrown in the river.
2. Turtles can be associated with improvements in biochemical oxygen demand (BOD), fecal coliform (FC) and dissolved oxygen (DO) levels in a river.

Which of the above statements is/are correct?

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

Q2. Consider the following about Primary Forests

1. Primary forests are man-made forests that have remained undisturbed from the natural environment.
2. They often store more carbon than other forests and are rich sources of biodiversity.
3. Primary forest loss is almost irreversible in nature.

How many of the above statements are incorrect?

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

Q3. Consider the following statements

1. World Resources Institute measures progress on two goals – ending deforestation by 2030, and restoring 350 million hectares (mha) of lost and degraded forests by 2030.
2. We need to reduce global deforestation by at least 8% every year to meet the 2030 target.
3. Brazil and the Democratic Republic of Congo are the two countries with the most tropical forest cover, and both registered losses of this resource in 2022.

How many of the above are correct?

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

Q4. Consider the following about NPA. How many of the following correctly matched?

1. Sub-standard: When the NPAs have aged ≤ 12 months.
2. Doubtful: When the bank or its auditors have identified the loss, but it has not been written off.
3. Loss assets: When the NPAs have aged > 12 months.

Codes:

- a) Only 2
- b) Only 3

- c) Only 1
- d) None of the above

Q5. Which organization in India is responsible for the development of defence technologies across various disciplines?

- a) Ministry of Defence
- b) Central Bureau of Investigation (CBI)
- c) National Defence Academy (NDA)
- d) Defence Research and Development Organisation (DRDO)

Q6. Consider the following about RoA (Return on Assets)

- 1. RoA is calculated by dividing the net income of a bank by its total assets.
- 2. An RoA of $\geq 1\%$ is generally considered good.

Choose the incorrect statements?

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

Q7. Consider the following statements about NRF and chose the incorrect one.

- a) Setting up the NRF was one of the key recommendations of the National Education Policy 2020.
- b) The NRF intends to act as a coordinating agency between researchers, various government bodies and industry, thus bringing industry into the mainstream of research.
- c) All finance-related queries, paperwork, approval, and acceptance need to be between the NRF, the finance department of the university/research institution and the scientist.
- d) The NRF will operate with a budget of ₹50,000 crore for five years, of which 28% (₹14,000 crore) will be the government's share, and the remaining 72% (₹36,000 crore) will come from the private sector.

Q8. In the first GSI Survey of the Siachen glacier, snout surveying of five glaciers in the Ladakh region was done. How many of the mentioned below are among those 5 glaciers?

- 1. Siachen
- 2. Batura
- 3. Kichik Kumdan
- 4. Biafo
- 5. Aktash

Choose the correct answer

- a) Only 2
- b) Only 3
- c) Only 4
- d) All the above

Q9. Consider the following about LMV-3

1. In Second stage solid fuel called hydroxyl-terminated polybutadiene is used.
2. The First stage is powered by two Vikas engines, which combust a liquid fuel –either nitrogen tetroxide or unsymmetrical dimethylhydrazine Tracks chemical composition of wounds.
3. The uppermost final stage is powered by a cryogenic engine. It combusts liquefied hydrogen with liquefied oxygen.

How many of the above is/are correct about LMV-3?

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

Q10. Consider the following statements about Palliative Care and choose the correct statement.

- a) Palliative care is the branch of medicine focusing on improving the quality of life and preventing suffering among those with life-limiting illnesses.
- b) It aims to identify patients at risk of over-medicalisation at the expense of quality of life and financial burden on the family.
- c) Palliative care includes bereavement support for the caregivers in case of the death of the patient.
- d) All the above.

Q11. Consider the following statements about Performance Grading Index for Districts and choose the incorrect statement.

- a) PGID released by the Education Ministry.
- b) PGID released by the Home Ministry
- c) PGID released by the Ministry of Urban Development
- d) None of the above

Q12. Which payment system developed by the National Payments Corporation of India allows users to link multiple bank accounts and facilitates instant fund transfers?

- a) Instant Payment Platform (IPP)
- b) Unified Payments Interface (UPI)
- c) Real-Time Gross Settlement (RTGS)
- d) National Electronic Funds Transfer (NEFT)

Q13. During which seasons did Entamoeba moshkovskii infections show different infection peaks?

- a) Wet season
- b) Dry season
- c) Summer
- d) Winter and spring season

Q14. Which of the following organization was established after merging Technical Development Establishment (TDEs) and the Directorate of Technical Development & Production (DTDP) with the Defence Science Organisation (DSO)?

- a) Defence Research and Development Organisation
- b) Indian Space Research Organisation (ISRO)
- c) Aeronautical Development Agency
- d) Armament Research & Development Establishment

Q15. According to a recent study, what was the significance of the mutations identified in the new pathogenic parasite

- a) Resistance to drug treatments
- b) Enhanced ability to survive outside the gut environment
- c) Acquisition of other enteric pathogens
- d) Increased virulence in humans