

## Weekly Quiz (7<sup>th</sup> – 13<sup>th</sup> Aug)

Q1. Consider the following about Gnanamuyarchi

1. It is a palm manuscripts from the 18th Century, discovered in an Armenian monastery in northern Italy.
2. It is ancient religious Sanskrit texts.

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 Asian Elephant?

1. Largest living land animal in Asia.
2. The number of Asian elephants in Karnataka has increased by 346.
3. They are not herbivores that require vast forests and grasslands with plenty of food and water.
4. It is larger than their African counterparts.
5. They often have a hump on their back, a double-domed head with two humps,

Codes:

- a) Only 5
- b) Only 4
- c) Only 2
- d) Only 3

Q3. Consider the following statements about Kanjeevaram Sari

1. It is handwoven in mulberry silk and has pure gold or silver zari work.
2. The temple architecture of south India especially around Kanchipuram has historically served as the design inspiration for the traditional Kanjeevaram motifs.
3. Its long and rich history from the Satvana Dynasty, Kanchipuram sarees today are considered as one of the oldest and rich legacies of the Indian textile industry.

How many of the above statements is/are correct?

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

Q4. Which of the following is incorrectly matched?

- a) Manipur bush quail (*Perdicula manipurensis*): Endangered
- b) Himalayan quail (*Ophrysia superciliosa*): Critically Endangered
- c) Jerdon's courser (*Rhinoptilus bitorquatus*): Endangered

d) None of the above

Q5. Consider the following about Small Modular Reactors (SMRs)

1. SMRs are designed with a larger core damage frequency and source term compared to conventional NPPs.
2. SMRs include enhanced seismic isolation.
3. The amount of spent nuclear fuel stored in an SMR project will be lower than that in a conventional NPP.

How many of the above are correct statements?

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

Q6. Consider the following statements about Ethanol

1. Ethanol is an inactive ingredient in alcoholic beverages and is also used in the chemicals and cosmetics industries.
2. In the transport sector, the use of ethanol-blended petrol (EBP) significantly reduces harmful emissions, such as carbon monoxide.
3. The government launched the EBP programme in 2013 to increase crude oil imports and curtail greenhouse gas emissions from petrol-based vehicles.

How many of the above are correct?

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

Q7. What is the IUCN status of Flying Fox?

- a) Vulnerable
- b) Near Threatened
- c) Endangered
- d) Least Concerned

Q8. Consider the following about habitat of Asian Elephant

1. The habitat varies from wet tropical evergreen forests to semi-arid coniferous and scrub forests.
2. The largest population of elephants is found in tropical deciduous forests.

Which of the above is/are correct?

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

Q9. Consider the following is correct geographical condition for growth of Sugarcane.

- Temperature required between 25-35°C
- Hot and Dry climate
- Deep rich loamy soil
- Rainfall around 50-75 cm

Q10. In the face of increasing cyber and malware attacks on defence as well as critical infrastructure across the country, the Defence Ministry has decided to replace the Microsoft Operating System (OS) in all computers connected to the Internet with a new OS, Maya. How many of the following is/are correct about Maya?

- It is based on open-source Ubuntu.
- It has been developed locally within six months.
- It has the interface and all functionality different from Windows.
- Maya name is derived from the ancient Indian military formation that was used to trap enemies in a circular maze.

Choose the correct answer

- Only 1
- Only 2
- Only 3
- Only 4

Q11. Which of the following is part of 31<sup>st</sup> edition of the Malabar Multilateral Exercise?

- India, China, Japan, and U.S
- India, Australia, Japan, and Sri Lanka
- India, Australia, Japan, and Indonesia
- India, Australia, Japan, and U.S.

Q12. As per WHO Global TB report 2022, many new cases of TB are attributable to which of the following?

- Undernourishment
- HIV Infection
- Cystic Fibrosis
- Irritable Bowel Syndrome
- Alcohol Use Disorders
- Smoking
- Diabetes

Codes:

- 1, 2, 3 and 4
- 1, 2, 5, 6 and 7
- 1, 3, 4, 5 and 6

d) Only 3 and 4

Q13. Which of the following is correct about Mines and Minerals Bill 2023?

- The Bill omits at least six previously mentioned atomic minerals from a list of 12 which cannot be commercially mined.
- The Bill proposes a new type of licence to encourage reconnaissance — level and or prospective stage exploration by the private sector.
- The Act prohibits pitting, trenching, drilling, and sub-surface excavation as part of reconnaissance, which included mapping and surveys. The Bill allows these prohibited activities.
- All the above

Q14. Which of the following are correctly mentioned?

- The lack of availability of some minerals or the concentration of their extraction or processing in a few geographical locations leads to import dependency, supply chain vulnerabilities, and even disruption of their supplies.
- India is 100% import-dependent on countries including China, Russia, Australia, South Africa, and the U.S. for the supply of critical minerals like lithium, cobalt, nickel, niobium, beryllium, and tantalum.

Codes:

- Only 1
- Only 2
- Both 1 and 2
- None of the above

Q15. Consider the following about the Nikshay Poshan Yojana

- The NPY was launched in 2020 by the Ministry of Health and Family Welfare.
- It aims to support every Tuberculosis (TB) Patient by providing a Direct Benefit Transfer (DBT) of Rs 5000 per month for nutritional needs.

Which of the above statements is/are correct?

- Only 1
- Only 2
- Both 1 and 2
- None of the above