

Weekly Quiz (29 May- 4 June)

Q 1. Consider the following statement:

1. Statement I: The global temperatures owing to climate change are likely to surge to a record high in the next two years.
2. Statement II: The WMO said that the chances of temporarily exceeding 1.5°C temperature has risen steadily since 2010 when it was close to zero.

Which one of the following is correct in respect of the above statements?

- a) Both Statement-I and Statement-II are correct.
- b) Both Statement-I and Statement-II are incorrect.
- c) Statement-I is correct but Statement-II is incorrect.
- d) Statement-I is incorrect but Statement-II is correct.

Q 2. Consider the following statements:

1. DSR is a system wherein rice seeds are sown directly into the field.
2. Real chemical herbicides are replaced by water in DSR.
3. In DSR seedlings are grown in a nursery first.

How many of the above statements are correct?

- a) Only one
- b) Only two
- c) Only three
- d) None

Q 3. Consider the following statements with reference to the “Number of applications allowed per applicant for support under the Production Limited Scheme”:

1. The application per applicant under this scheme shall be limited to two (2).
2. Applicants of the existing PLI Scheme, who have not claimed any incentive will be allowed to participate in the PLI 2.0 Scheme as new entrants, provided they are selected.
3. The applicants of the existing PLI Scheme, who wants to claim incentive (Year 1/Year 2), will be allowed to participate in PLI 2.0 Scheme from the next year (Year 2/Year 3) for which incentive is not claimed provided they are selected.

How many of the above statements are correct?

- a) Only one
- b) Only two
- c) All three
- d) None

Q 4. With reference to Navigation Systems, consider the following pairs:

1. NVS 01: India
2. GLONASS: China
3. Galileo: Russia
4. Beidou: Japan

How many of the above pairs are correctly matched?

- a) Only one
- b) Only two

- c) Only three
- d) All four

Q 5. Consider the following statements about the impact of the Global Plastics Treaty on the globe.

1. GPT includes mechanisms for monitoring and reporting progress on plastic waste reduction targets.
2. The Treaty encourages the nations to work on their Pollution contribution and compensate other nations for plastic pollution.
3. The GPT aims to significantly reduce plastic pollution by implementing measures to minimize the generation of plastic waste, enhance recycling and recovery systems, and encourage sustainable alternatives to single-use plastics

How many of the given statements are correct?

- a) Only one
- b) Only two
- c) Only three
- d) All four

Q6. With reference to rare diseases, consider the following pairs:

1. Laron's Syndrome: a rare disease in which the body is unable to utilise the growth hormones resulting in short stature.
2. Wilson's disease: causes continuous inflammation and tissue damage impacting the nervous system and joints.
3. Neonatal Onset Multisystem Inflammatory Disease (NOMID): a rare disorder in which copper is accumulated in vital organs like liver, brain and others.
4. Congenital adrenal hyperplasia (CAH): A group of genetic disorders that affect the adrenal glands.

How many of the above pairs are correctly matched?

- a) Only one
- b) Only two
- c) Only three
- d) All four

Q 7. Consider the following statements:

1. Statement I: A Foucault pendulum is a device named after French physicist Léon Foucault that demonstrates the Earth's rotation.
2. Statement 2: The rate of rotation of the pendulum depends on the latitude of the location where it is suspended. At the equator, the pendulum rotates once in 24 hours. At the North Pole, the pendulum rotates does not rotate at all.

Which one of the following is correct in respect of the above statements?

- a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- c) Statement-I is correct and Statement-II is incorrect.
- d) Statement-I is incorrect and Statement-II is correct.

Q 8. Consider the following dynasties:

1. Sunga
2. Gahadavala
3. Yadava
4. Kushana

Artifacts from various dynasties have been discovered in the excavations by Archaeological Survey of India at Purana Qila (Old Fort). How many dynasties mentioned above are associated with Old Fort.

- a) Only one
- b) Only two
- c) Only three
- d) Only four

Q 9. A sculpted figure using the lost wax technique was made up of bronze. It was discovered in 1926 by archaeologist Ernest Mackay. It was found in one of the largest and most advanced urban settlements of the ancient world.

The above statement describes which of the following?

- a) Dancing Girl
- b) Bearded Man
- c) Male Torso
- d) A bull

Q 10. Consider the following statements in reference to “It is a protection system of trains being developed since 2012, under the name Train Collision Avoidance System (TCAS).”

1. This system uses radio frequency identification (RFID) technology to communicate between trains and trackside equipment.
2. This Automatic Train Protection System (ATPS) was developed by Russia and India also named as Kavach.
3. Kavach is designed to reduce the risk of train collisions and improve train safety.

How many of the above statements are correct?

- a) Only one
- b) Only two
- c) Only three
- d) None

Q 11. The National Institution for Transforming India (NITI Aayog) initiated an annual Health Index in collaboration with which of the following organisations?

- a) Ministry of Health and Family Welfare (MoHFW) and the World Bank.
- b) National Statics Office and The Asian Development Bank.
- c) Ministry of Health and Family Welfare (MoHFW) and National Statics Office.
- d) Ministry of Health and Family Welfare (MoHFW), The Asian Development Bank and the World Bank.

Q 12. Which one of the following statements best reflects the term “De-dollarisation”?

- a) The global economy would become more dependent upon United States (US).

- b) The US economy would become more resilient to economic shocks.
- c) The US dollar would become stronger in its status as the world's reserve currency.
- d) It is a process whereby countries tend to reduce their reliance on the US dollar as a reserve currency, medium of exchange, and also a unit of account.

Q 13. Which one of the following statements best reflects the term “Salt cavern-based reserves”?

- a) Salt caverns are developed by the process of solution mining, which involves pumping water into geological formations with large salt deposits to dissolve the salt.
- b) A salt cavern is a large underground chamber created by excavating rock.
- c) Salt caverns are typically less expensive to develop than rock caverns.
- d) Salt caverns are not as well-sealed like Rock cavern.

Q 14. India successfully carried out the training launch of an Agni-1 missile. Which of the following is incorrect about the Agni-1 missile?

- a) Agni-1 is a medium-range ballistic missile.
- b) It is capable of carrying a payload of up to 1,500 kg.
- c) Agni-I is used by the Strategic Force Command (SFC) of the Indian Army.
- d) Agni-1 ballistic missile has a strike range from 700-1200 kilometres and weighs around 12,000 kilograms.

Q 15. In India which one of the following organisation developed the National Automated Fingerprint Identification System (NAFIS)?

- a) National Crime Records Bureau (NCRB)
- b) Narcotics Control Bureau (NCB)
- c) Central Bureau of Investigation (CBI)
- d) National Investigation Agency (NIA)