

Weekly Quiz

(25th Jan- 31st Jan 2021)

Q.1) Consider the following statements with respect to **Nanobodies**

1. These are antibody fragments; they can be produced by bacteria or yeast, which is less expensive.
2. They are used in clinical therapeutics, immunodiagnostics, and more for environmental monitoring applications.

Select the correct answer using the code given below

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

Q.2) Consider the following statements regarding **transactions on a blockchain**

1. The transactions are duplicated and distributed across the entire network of computer systems on the blockchain.
2. If a transaction record includes an error, a new transaction must be added to reverse the error, and both transactions are then visible.

Select the correct answer using the code given below

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

Q.3) Which of the following is/are potential impacts of the proposed imposition of '**green tax**' on old vehicles?

1. Increase fuel efficiency
2. Reduce environmental pollution
3. Increase cost of truck rentals

Which of the statements given above is/are correct?

- a) 1 and 2 only

- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Q.4) Consider the following statements with respect to **Akash-NG Missile**

1. It is a new generation Surface to Air Missile meant for use by the Indian Air Force.
2. This new generation missile was powered by Ramjet Engine with a range up to 30 km.

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

Q.5) Consider the following statements regarding the **Side-Scan Sonar**

1. It is used to conduct surveys for maritime archaeology.
2. The higher frequencies yield better range but less resolution in side scan sonar.

Which of the statements given above is/are correct?

- e) 1 only
- f) 2 only
- g) Both 1 and 2
- h) Neither 1 nor 2

Q.6) Consider the following statements regarding the **Foreign Direct Investment (FDI)**

1. It is an important source of non-debt finance for the economic development
2. It adds volatility in market and does not imply the establishment of a lasting interest in a business

Select the correct answer using the code given below

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

Q.7) Consider the following statements regarding the **International Energy Agency (IEA)**

1. Its mandate is to help its members respond to major oil supply disruptions.
2. A candidate country to the IEA must be a member country of the Organization for Economic Co-Operation and Development (OECD).

Select the correct answer using the code given below

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

Q.8) Consider the following statements regarding the **India Justice Report 2020**

1. It has been published by the Department of Justice, Ministry of Law and Justice.
2. Women comprise less than one third of the total Judges in India
3. Maharashtra is the top ranked state on delivery of justice to people among large and mid-sized states of India.

Select the correct answer using the code given below

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

Q.9) Consider the following statements:

1. The National Statistical Office (NSO) prepares national accounts as well as publishes annual estimates of national product of India.
2. The share of Gross Value Added (GVA) of the Tertiary sector has been consistently above fifty percent of overall GVA for last five years.

Select the correct answer using the code given below

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

Q.10) With respect to **Indo-French Year of the Environment**, consider the following statements

1. The year 2021 was designated as the Indo-French Year of the Environment.

2. The main objective is to strengthen the position of International Solar Alliance (ISA) and further improve the clean energy relationship between the two countries.

Select the correct answer using the code given below

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

Q.11) Consider the following statements with respect to **Leatherback Turtles**

1. They are named for their shell, which is leather-like rather than hard, like other turtles.
2. They are the largest sea turtle species and also one of the most migratory, crossing both the Atlantic and Pacific Oceans.

Select the correct answer using the code given below

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

Q.12) Which of the following statement(s) is/are incorrect with respect to **Climate Risk Index 2021**

1. It analyses quantified impacts of extreme weather events both in terms of the fatalities and economic losses.
2. It is released by United Nations Office for Disaster Risk Reduction (UNDRR)

Select the correct answer using the code given below

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

Q.13) Consider the following statements regarding the **Foreign Contribution (Regulation) Act (FCRA)**

1. The editors or publishers of a registered newspaper are prohibited to accept any foreign contribution.
2. The foreign contribution can be received only in an account designated bank account of the EXIM Bank.

Select the correct answer using the code given below

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

Q.14) Consider the following statements regarding the **Strengthening Teaching-Learning and Results for States (STARS) project**

1. The Program envisions improving the overall monitoring and measurement activities in the Indian education system through interventions in each state and UT.
2. The STARS project is receiving financial assistance from the World Bank.

Select the correct answer using the code given below

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

Q.15) With respect to **Spices Production** in India, consider the following statements:

1. India is the world's largest exporter of chilli and turmeric.
2. Spices Board India, under the aegis of Ministry of Commerce and Industry, is the flagship organization for the development and worldwide promotion of Indian spices.

Select the correct answer using the code given below

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

Q.16) **Corruption Perception Index** is released by

- a. WEF
- b. World Bank

- c. Interpol
- d. Transparency international

Q.17) Consider the following statements regarding the **Future Investment Initiative (FII)**

- 1. It has been launched by the United Nations Conference on Trade and Development.
- 2. It is held annually in Riyadh, Saudi Arabia.

Select the correct answer using the code given below

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

Q.18) Consider the following statements regarding the **Protection of Children from Sexual Offences Act, 2012**

- 1. The said Act defines a child as any person below eighteen years of age.
- 2. It provides for Special Courts that conduct the trial in-camera and without revealing the identity of the child.

Select the correct answer using the code given below

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

Q.19) Which of the following constitute a **Silent Mutation**

- a. Change in the amino acid without change in the nucleotide bases
- b. Change in the sequence of nucleotide bases without a subsequent change in the protein
- c. Change in sequence nucleotide bases and subsequent amino acid
- d. None of the above

Q.20) Which of the following is the nodal agency for implementing **“India’s Arctic Policy”**?

- a. National Centre for Earth Science Studies
- b. National Institute of Ocean Technology
- c. India Meteorological Department
- d. National Centre for Polar and Ocean Research