

Weekly Quiz

(12th July – 18th July 2021)

Q.1) Consider the following statements with respect to **Super Luminous Supernova (SLSNe)**

1. It is a type of stellar explosion generally originated from very massive stars with minimum mass limit 25 times more than that of the sun.
2. It occurs very rare because the number distribution of such massive stars in our galaxy or in nearby galaxies is sparse.

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) With respect to **Avicennia Marina**, sometimes seen in the news recently, consider the following statements

1. It is a salt-secreting and extraordinarily salt-tolerant mangrove species that grows optimally in 75% seawater and tolerates >250% seawater.
2. It is one of the most prominent mangroves species found in all mangrove formations in India.

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 pairs are matched incorrectly with respect to **International Chemical Conventions**

Conventions

1. Minamata Convention
2. Chemical Weapons Convention (CWC)
3. Rotterdam Convention

Banned Pollutants

- Persistent Organic Pollutants (POPs)
Only Mercury based pollutants
Hazardous Chemicals and Pesticides

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 **Himalayan Yak**

- 1. It is a high-altitude animal, usually found 2,000-5,000 metres above sea level.
- 2. It is listed as 'Vulnerable' under the IUCN Red List of Threatened Species.

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 with respect to **River Cauvery**

- 1. The River Cauvery rises at Talakaveri on the Brahmagiri range in the Western Ghats in Karnataka and drains into the Bay of Bengal.
- 2. The disputed Mekedatu Dam Project is being proposed to be built across River Cauvery.
- 3. Harangi, Shimsha and the Arkavati River are the important tributaries of the River Cauvery.

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.6) Consider the following statements with respect to **International Trade Finance Services (ITFS) Platform**

- 1. It is a dedicated electronic platform for facilitating the trade finance requirements of Exporters and Importers, through multiple Financiers.
- 2. It will enable Exporters and Importers to avail various types of trade finance facilities at competitive terms, for their international trade transactions.

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 with respect to **NASA's VIPER Mission**

1. It aims to explore the Moon's South Pole region and plans to create lunar resource maps.
2. It will evaluate the concentration of water as well as other potential resources on moon's surface.

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) Kesaria Buddha Stupa is located in which of the following states?

- a. Bihar
- b. Uttar Pradesh
- c. Odisha
- d. Madhya Pradesh

Q.9) Consider the following statements with respect to **RBI Retail Direct Scheme**

1. It allows retail investors to buy and sell Treasury Bills, G-Secs, Sovereign Gold Bonds and State Development Loans.
2. Under the scheme, Non-Resident retail investors are also eligible to invest in Government Securities.

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) Which of the following statement(s) is/are correct with respect to **Arctic Amplification**

1. The phenomenon highlights that over the past 30 years, the Arctic has warmed at roughly twice the rate as the entire globe.

2. Iodic acid (HIO_3) is one of the aerosol particles responsible for Arctic Amplification or Arctic Warming.

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 **Carbon capture and Sequestration**

1. It is the process of capturing waste CO_2 from large point sources, such as fossil fuel power plants, and transporting it to a storage site.
2. There is only artificial process to capture and store Carbon dioxide which includes Industrial & Technological methods.

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.12) Consider the following statements with respect to **Karman Line**

1. It is an imaginary boundary between the Earth's Atmosphere and the Outer Space, 100 kilometres above the mean sea level. .
2. It has been recognised as the legal boundary in the Outer Space Treaty adopted in 1967.

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 with respect to **RBI Retail Direct Scheme**

1. It is a one-stop solution to facilitate investment in Government Securities (G-secs) by retail investors (individuals).

2. Non-resident retail investors are also eligible to invest in government securities through Foreign Exchange Management Act, 1999.

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 with respect to **Legal Information Management & Briefing System (LIMBS)**

1. It is a web based portal developed by Department of Legal Affairs, Ministry of Law & Justice.
2. It aims to facilitate delivery of legal advice through an expert panel of lawyers, with special focus on those pending for more than 10 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.15) Consider the following statements with respect to **School Innovation Ambassador Program**

1. It aims at training school teachers across the country on Ideation, IPR, product development, design thinking, problem solving and critical thinking.
2. It is being implemented by the Ministry of Commerce & Industry in association with University Grants Commission (UGC).

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) Consider the following statements with respective to **Rewilding of Wild Animals**

1. It a systematic, scientifically planned re-establishment of viable populations of tigers in this historical range over the longer term.
2. The chances of success of re-wilding of hand reared carnivores in the wild is 80 % more when compared with the herbivores animals.

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.17) Consider the following statements with respect to **Kisan Sarathi**

1. It was launched to facilitate farmers to get 'right information at right time' in their desired language.
2. It was launched jointly by the Ministry of Agriculture and Farmers Welfare and Ministry of Electronics and Information Technology.

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 with respect to **Non-Fungible Tokens**

1. It is a digital asset that represents real-world object and allows people to trade the ownership of digital entities.
2. Each non-fungible token is uniquely identifiable and are not interchangeable in nature.

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) Consider the following statements with respect to **Caterpillar Slug**

1. It is a species, native to South America, has now spread to several parts of India and could soon become an invasive species.

2. It feeds on the leaves and bark of mulberry plants and was also sighted on neem trees, papaya, and calotropis plants.

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.20) Consider the following statements with respect to **Ultra Violet C Radiation**

1. Ultra Violet- C (UV-C) radiation can destroy the outer protein coating of the SARS-Corona virus.
2. Far-UVC light in the range of 207–222 nm can highly damage mammalian skin as it can penetrate through the outer dead-cell layer.

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

