



Daily Current Affairs Prelims Quiz 24-07-2022 & 25-07-2022 - (Online Prelims Test)

1) Consider the following statements:

1. Fiberisation is the process of connecting radio towers with each other through optical fiber cables.
2. Fiberisation provides additional bandwidth and more robust backhaul support.
3. India's fiber kilometer (fkm) per capita is higher than in other key markets.

What is the above statement(s) is/are correct?

- a. 1 and 2 only
- b. 1 and 3 only
- c. 2 and 3 only
- d. 1, 2 and 3

Answer : a

Fiberisation

- The process of connecting radio towers with each other via optical fiber cables is called fiberisation.
- It helps provide full utilization of network capacity and carries large amounts of data once 5G services are rolled out.
- It will also aid in providing additional bandwidth and stronger backhaul support.
- The backhaul is a component of the larger transport that is responsible for carrying data across the network.
- It represents the part of the network that connects the network's core to the edge.
- To transition into 5G, India needs at least 16 times more fiber, according to estimates by STL, a technology company specializing in optical fibers and cables.
- In India, currently, only 33% of the towers are fiberized, compared to 65%-70% in South Korea and 80%-90% in the U.S., Japan, and China, according to a 2021 report by India Infrastructure Research.
- India's fibre kilometer (fkm) per capita is lower than other key markets. Ideally, a country needs 1.3 km of fiber per capita to ensure good fiberisation.
- India's fkm is just .09 compared to 1.35 in Japan, 1.34 in the U.S., and 1.3 in China.

2) Arrange the following countries based on their forex reserve (lowest to highest)

1. Hong Kong
2. Russia
3. South Korea
4. China
5. Germany
6. India

Choose the correct option.

- a. 1-2-3-4-5-6

- b. 5-3-1-2-6-4
- c. 3-1-2-6-4-5
- d. 6-5-4-3-2-1

Answer : b

Highest Forex Reserve holding Countries at the end of 2021

- China
- Japan
- Switzerland
- US
- India
- Russia
- Hong Kong
- Saudi Arabia
- South Korea
- Singapore
- Brazil
- Germany

3) Consider the following statements:

1. Bioluminescence is a chemical reaction that takes place inside a living organism and light is produced.
2. Bioluminescence occurs when there is low wind speed and high atmospheric temperature.

Which of the above statement(s) is/are correct?

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

Answer : a

Bioluminescence

- Bioluminescence is light produced by a chemical reaction within a living organism.
- Bioluminescence is a type of chemiluminescence, which is simply the term for a chemical reaction where light is produced.
- Bioluminescence is chemiluminescence that takes place inside a living organism.
- Low wind speed, lowering of atmospheric temperature, high rain, and low sea surface temperature are cited as probable environmental cues.

4) Consider the following statements regarding the Sports Code:

1. It was introduced by the Central government and aimed to achieve good governance practices of sports at the national level.
2. The sports code does not interfere with the autonomy of the national sports bodies.

Which of the above statement(s) is/are correct?

- a. 1 only
- b. 2 only

- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : c

Sports Code

- The Sports Code, or National Sports Development Code of India to be precise, was introduced in 2011 by the Central government, which wanted good governance practices in the management of sports at the national level without interfering with the autonomy of the national sports bodies.
- It was widely accepted that such a sports code was needed as it was felt that most of the sports federations had become personal fiefdoms of certain individuals, many of them politicians, as they continued to remain in power for long periods.
- The National Sports Code laid down restrictions regarding age and tenure.

5) Consider the following statements regarding the public health emergency of international concern (PHEIC):

1. It is declared when an extraordinary event constitutes a public health risk to other States through the international spread of disease.
2. Public health emergency of international concern is the highest level of alarm by the WHO.

Which of the above statement(s) is/are correct?

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

Answer : c

Public health emergency of international concern (PHEIC)

- The WHO declared the outbreak of monkeypox as a public health emergency of international concern (PHEIC), its highest alarm level.
- A PHEIC is declared for an extraordinary event that is determined to constitute a public health risk to other States through the international spread of disease and to require a coordinated international response potentially.
- On January 30, 2020, the organization categorized COVID-19 as a PHEIC, when about 7,500 cases of novel coronavirus were reported.
- On March 11 that year, the agency elevated it to the pandemic.