



Daily Current Affairs Prelims Quiz 30-06-2022 - (Online Prelims Test)

1) Consider the following statements:

1. Blue Deal is promoted by the United Nations Ocean Conference to enable the sustainable use of ocean resources for economic growth.
2. The Green New Deal (GND) calls on governments to allocate a significant share of stimulus funding to green sectors.
3. The objectives of GND are economic recovery, poverty eradication, and reduced carbon emissions.

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

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

Answer : d

Blue Deal and Green New Deal

- A “Blue Deal” is being promoted at the 2022 United Nations Ocean Conference to enable the sustainable use of ocean resources for economic growth.
- It includes global trade, investment and innovation to create a sustainable and resilient ocean economy, according to the UN Conference on Trade and Development (UNCTAD).
- Some of the recommendations include expanding digitization efforts to lower costs for business in developing countries, setting up a blue bank for investments, and improving regulations of blue finance.
- The Global Green New Deal (GGND) calls on governments to allocate a significant share of stimulus funding to green sectors and sets out three objectives: economic recovery, poverty eradication, and reduced carbon emissions and ecosystem degradation.

2) Consider the following statements:

1. Lyophilization is a process in which water is added to a product and is frozen under a vacuum.
2. In India lyophilized mRNA COVID vaccine is being used which ensures the vaccine is stable in Indian temperatures.

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 : b

Lyophilization

- The first two vaccines that were made available for use in the US were based on mRNA technology.
- But these vaccines have to be stored at sub-zero temperatures as mRNA is fragile and breaks down easily.
- the challenge in India was to be able to store the vaccine between 2-8 degrees Celsius.
- The conversion from liquid to powder form of the vaccine takes place via Lyophilisation.
- This is freeze-drying, a process where the water is removed from the product after it is frozen and placed under a vacuum allowing the ice to change directly from solid to vapor without passing through a liquid phase.
- However, just removing water by Lyophilisation of the mRNA vaccine does not work.
- So, the surrounding pressure has to be tweaked and then kept stable to ensure the characteristics of the vaccine are the same as before Lyophilisation.
- For this to be achieved, the key was to add an external agent which at a certain critical concentration keeps it stable under lyophilized conditions.
- The Lyophilisation technology is not new, but a lyophilized mRNA vaccine is unique.

3) Consider the following statements regarding PM MITRA Scheme:

1. It is launched by the Ministry of Textiles to develop an integrated large-scale and modern industrial infrastructure facility for the total value-chain of the textile industry.
2. PM MITRA Parks will be set up on the basis of proposals received from State Governments.
3. State Governments have ready availability of contiguous and encumbrance-free land parcels of a minimum of 100 acres.

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

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

Answer : d

PM MITRA Scheme

- The Ministry of Textiles (MoT) has launched PM Mega Integrated Textile Regions and Apparel Parks (MITRAs) Scheme to strengthen the Indian textile industry.
- It enables the scale of operations, reduces logistics cost by housing the entire value chain at one location, attracts investment, generates employment, and augment export potential.
- The scheme will develop integrated large-scale and modern industrial infrastructure facilities for the total value-chain of the textile industry, for example, spinning, weaving, processing, garments, textile manufacturing, processing & printing machinery industry.
- PM MITRA Parks will be set up on the basis of proposals received from State Governments having ready availability of contiguous and encumbrance-free land parcels of minimum 1000 acres.
- The State Government will transfer land to the Special Purpose Vehicle (SPV) at a notional price.
- The land asset will be used to leverage/attract investment in the PM MITRA parks for the development and maintenance of the parks with high standard specifications.

4) Consider the following statements:

1. Primary Agriculture Credit Society (PACS) is the basic and smallest cooperative credit institution in India.

2. PACS are outside the purview of the Banking Regulation Act and hence not regulated by the Reserve Bank of India.

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

Primary Agriculture Credit Society (PACS)

- It is a basic unit and the smallest cooperative credit institution in India.
- It works on the grassroots level (gram panchayat and village level).
- PACS are outside the purview of the Banking Regulation Act, 1949 and hence not regulated by the Reserve Bank of India.

5) Consider the following statements:

1. Kaliningrad is an exclave of Russia, completely separated from the country's mainland.
2. Kaliningrad is situated between the NATO members Latvia and Estonia.
3. It is the headquarters of Russia's Baltic Sea fleet and the country's only ice-free European port.

Which of 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 : b

Kaliningrad

- Kaliningrad is an exclave of Russia, completely separated from the country's mainland.
- It is situated between EU and NATO members Lithuania and Poland.
- It is also the headquarters of Russia's Baltic Sea fleet and the country's only ice-free European port.