



Daily Current Affairs Prelims Quiz 18-04-2024 (Online Prelims Test)

1) Consider the following statements with respect to Salas y Gomez

1. Salas y Gomez is an oceanic ridge in the Southeastern Pacific Ocean.
2. Ecosystems in Salas y Gómez and Nazca ridges region are isolated by the Atacama Trench.

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

Salas y Gomez

Scientists recently announced the discovery of 160 marine species in the Salas y Gomez ridge.

- Salas y Gomez is an oceanic ridge in the **Southeastern Pacific Ocean**.
- Ecosystems in Salas y Gómez and Nazca ridges region are isolated by the **Atacama Trench, the Humboldt Current System, and an extreme oxygen minimum zone**.

2) The Supreme Court judgement of “Supriyo Vs Union of India case” is related to?

- a. Challenge to the practice of Jallikattu
- b. Rights to Queer Community
- c. 100% VVPAT verification for EVM votes
- d. Abrogation of Article 370

Answer : b

Supriyo Vs Union of India case

- The petitioners challenged the validity of Section 4 (c) of the Special Marriage Act, 1954 on that ground that the provision discriminates against same sex couple by denying them benefits such as adoption, surrogacy, employment and retirement benefits.

3) Consider the following statements with respect to soil acidification

1. Soil acidification is a process where the pH level of the soil increases, making it more acidic.
2. Soil acidification affects only the surface soil (Top soil) and not subsoil.

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

Soil Acidification

A recent study says that Soil Acidification may strip Indian soils of 3.3 billion tonnes of essential carbon, affecting crop growth, sequestration.

- Soil acidification is a process where the **pH level of the soil decreases, making it more acidic.**
- This process can affect both the surface soil and subsoil.

4) Consider the following statements with respect to Green Credit Programme

1. Centre must rely on to calculate what it would cost to restore a degraded forest landscape.
2. The green credits will be tradable and be made available for trading on a domestic market platform.

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



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Changes in Green Credit Programme Norms

The Union Environment Ministry recently says that primacy must be accorded to restoring ecosystems over tree planting.

Recent changes

- The guidelines said that States must rely on to calculate what it would cost to restore a degraded forest landscape.
- The guidelines also changed the earlier requirement that there be a minimum of 1,100 trees per hectare to qualify as reforested landscape and left it to States to specify them.
- Preference would be given to indigenous species and naturally growing seedlings would be retained.
- The green credits will be tradable and be made available for trading on a domestic market platform.

5) Consider the following statements with respect to Ringwoodite

1. Ringwoodite is a mineral comes from olivine (another mineral) that exists in the Earth's transition zone.
2. It absorbs water and hydrogen in all forms.

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

Ringwoodite

- Ringwoodite is a fascinating mineral comes from olivine (another mineral) that exists in the Earth's transition zone.
- It has a unique crystal structure that allows it to absorb water and hydrogen, acting like a sponge but it can't absorb water in liquid, solid or gas form.



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