

Q: Consider the following statement regarding “Exercise TROPEX”:

1. This exercise is undertaken in the Indian Ocean Region
2. This exercise provides an opportunity to test the combat readiness of the combined Fleets of the Indian Navy to operate in a multi-threat environment.
3. The exercise is conducted between Indian Navy and Indian Coast Guard only.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- The 2023 edition of Indian Navy’s major maritime exercise TROPEX, is currently underway in the Indian Ocean Region.
- This operational level exercise is conducted biennially and witnesses participation not only by all Indian Navy units but also of Indian Army, Indian Air Force and Coast Guard assets.
- Having grown in scope and complexity over the years, this exercise provides an opportunity to test the combat readiness of the combined Fleets of the Indian Navy to operate in a multi-threat environment.
- The maritime exercise also facilitates operational level interaction with the Indian Army, Indian Air Force and the Coast Guard, which will further strengthen interoperability and joint operations in a complex environment.

Q: Consider the following statement regarding Exercise AMPHEX 2023:

1. It is an yearly exercise between the Tri-service in India.
2. This year it is to be held in Kakinada.
3. This year exercise was the largest ever AMPHEX conducted till date.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: b

Explanation:

- The biennial Tri-Services Amphibious Exercise, AMPHEX 2023 was conducted at Kakinada, Andhra Pradesh recently.
- AMPHEX is aimed at joint training of elements of all three services in various facets of amphibious operations to enhance interoperability and synergy.
- AMPHEX 23 is the first time that the exercise was undertaken at Kakinada, and was the largest ever AMPHEX conducted till date.

Q: Consider the following statement regarding ‘She Feeds the World’ programme to India:

1. The programme would tackle soil, water, biodiversity and carbon footprint issues.
2. The programme will focus on strengthening the role of small-scale women producers across economic, social and environmental dimension.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- Recently, PepsiCo Foundation and CARE announced the expansion of their global ‘She Feeds the World’ programme to India in West Bengal, home to the company’s first food factory in the country.
- The programme ‘She Feeds the World’ focuses on strengthening the role of small-scale women producers across three dimensions: economic, social and environmental.
- At the economic level, it would build capabilities for the small-scale farmers; socially, the project aims to promote equitable access to knowledge, resources and inclusive markets and from an environmental perspective, it would tackle soil, water, biodiversity and carbon footprint issues.

Q: Consider the following statement regarding oil palm plantations raised in the Andaman and Nicobar Islands:

1. Centre launched National Mission on Edible Oils-Oil Palm (NMEO-OP) which focus on oil palm plantations in the northeast and the Andaman and Nicobar Islands.
2. Committee formed by Supreme Court said Oil palm plantation might lead to encroachment of forest lands in the islands group.
3. The committee said any permission for diversion of forest land for red oil palm plantation in Andaman and Nicobar Islands is the violation of the Forest Conservation Act, 1980.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: d

Explanation:

- The committee said any permission for diversion of forest land for red oil palm plantation in the archipelago in violation of the Forest Conservation Act, 1980, "is bound to open flood gates in all the states for similar agricultural purposes on forest lands".
- The CEC also said oil palm plantation might lead to encroachment of forest lands in the islands group and asked why the production of palm oil could not be taken up on the mainland.
- In 2021, the Centre launched the Rs 11,040-crore National Mission on Edible Oils-Oil Palm (NMEO-OP) with focus on oil palm plantations in the northeast and the Andaman and Nicobar Islands due to their favourable climate for the purpose.
- India depends on imports to meet its requirements for edible oil and is its largest importer in the world.

Q: Consider the following statement:

1. Earth's layers are divided into three parts.
2. Earth's inner core was first discovered in 1936.
3. Rotation of the core is related to the changes in the duration of the season.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Researchers have said that the rotation of the core is related to the changes in the length of the day and it could lead to small variations in the exact time it takes for Earth to rotate on its axis and that there are links between the different layers of the planet -crust, mantle, and core.
- Earth's layers are divided into three parts: the crust, mantle, and core.
- Earth's inner core was first discovered in 1936 as researchers were studying seismic waves from earthquakes that travel throughout the planet.