



Daily Current Affairs Prelims Quiz 25-02-2026 (Online Prelims Test)

1) With reference to International Energy Agency (IEA), consider the following statements

1. All members of IEA are the members of Organization of Economic Cooperation and Development (OECD).
2. India is not a member of IEA, but is a member of OCED.
3. The World Energy Outlook is released by IEA.

Select the correct statements using the codes below:

- a. Only one
- b. Only two
- c. All three
- d. None

Answer : b

planation



- **Statement 1 is correct** - A *mandatory prerequisite for full membership in the [International Energy Agency \(IEA\)](#) is that a candidate country must be a member of the OECD.*
- **Statement 3 is correct** - The **World Energy Outlook (WEO)** is the IEA's flagship annual publication, providing authoritative analysis and projections of global energy trends.
- **Statement 2 is incorrect** - While it is true that India is not a full member of the IEA (it has been an Associate Member since 2017).
- India is also not a member of the OECD.

To know more, click [here](#)

2) Consider the following statements about Tetrodotoxin (TTX)

1. It is produced in fish itself and is a non-protein, heat-stable neurotoxin.
2. Even very small amounts can be fatal, if consumed.
3. It can be avoided by properly cooked and heated food.

Select the incorrect statements using the codes below:

- a. Only one
- b. Only two
- c. All three
- d. None

Answer : b

Explanation

- **Statement 1 is incorrect** - While [TTX](#) is a **non-protein, heat-stable neurotoxin**, it is generally not produced by the fish itself. It is produced by symbiotic bacteria.
- **Statement 2 is correct** - TTX is extremely potent; a lethal dose for an adult human is estimated to be as small as 1.5 to 2.0 mg. It is roughly 1,200 times more toxic than cyanide.
- **Statement 3 is incorrect** - Cooking and heating are effective against many bacterial pathogens, but they are ineffective against heat-stable chemical toxins like TTX.
- If consumed it blocks voltage-gated sodium channels in nerve cells. This prevents transmission of nerve impulses, causing paralysis.

To know more, click [here](#)

3) Consider the following statements

1. The Loggerhead turtles are the world's largest hard-shelled turtles and their diet primarily carnivorous.
2. Climate change effects the sex ratio of Loggerhead turtles.

Select the correct statements using the codes below:

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

Answer : c

Explanation

- **Statement 1 is correct** - [Loggerhead turtles](#) (*Caretta caretta*) are recognized as the world's largest hard-shelled turtles.
- While the Leatherback is larger overall, it has a leathery, flexible shell rather than a hard, bony one.
- Adult Loggerheads are primarily **carnivorous**, using their massive heads and powerful jaws to crush hard-shelled prey like crabs, clams, and sea urchins.
- **Statement 2 is correct** - Loggerheads **exhibit temperature-dependent sex determination (TSD)**, meaning the temperature of the sand during incubation determines the sex of the hatchlings.
- Climate change, which leads to rising global temperatures and more frequent heat waves, increases sand temperatures, resulting in a skewed sex ratio that produces significantly more females than males.

To know more, click [here](#)

4) The **NIGRANI App** is to enhance transparency and implementation of infrastructure projects in which one of the following?

- a. Tribal areas
- b. Highly populated areas
- c. Minority-concentrated areas
- d. Rural areas

Answer : c

Explanation

- **Option c is correct** - The **NIGRANI App** was launched by the Ministry of Minority Affairs to

monitor infrastructure projects specifically in **Minority Concentration Areas (MCAs)**.

- The app was launched under the Pradhan Mantri Jan Vikas Karyakram (PMJVK).
- Its primary goal is to ensure real-time monitoring, enhance transparency, and improve the implementation of socio-economic assets like schools, hostels, and health centers.

To know more, click [here](#)

5) The **Veli-Akkulam Estuary** is located at which one of the following?

- a. Karnataka
- b. Tamil Nadu
- c. Kerala
- d. Maharashtra

Answer : c

Explanation

- Recently, a University of Kerala study revealed severe ecological decline in the Veli-Akkulam estuary due to invasive species and environmental stressors.
- It is a shallow, bar-built, seasonally closed estuary connected periodically to the Lakshadweep Sea.
- It is located at Northwest of Thiruvananthapuram, **Kerala**, along the southwest coast of India. The Arabian Sea lies to the west of the lake system. **So option c is correct.**

To know more, click [here](#)

