



Daily Current Affairs Prelims Quiz 25-07-2025 (Online Prelims Test)

1) Consider the following statements regarding *Lyriothemis abrahami*:

1. It is a newly discovered species of damselfly found in Kerala.
2. It was previously misidentified as *Lyriothemis flava*.
3. The males and females of the species exhibit strong dimorphism.
4. It is endemic to the Western Ghats.

Which of the statements given above are correct?

- a. 1, 2 and 3 only
- b. 2, 3 and 4 only
- c. 1, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : b

Answer: (b) Explanation:

- **Statement 1 is incorrect:** *Lyriothemis abrahami* is a new species of **dragonfly**, not damselfly.
- **Statement 2 is correct:** It was previously misidentified as *Lyriothemis flava* due to superficial similarities.
- **Statement 3 is correct:** It exhibits strong dimorphism, with males and females having distinct appearances.
- **Statement 4 is correct:** It is endemic to the Southern and central Western Ghats.

2) *Lyriothemis abrahami* belongs to which insect order?

- a. Hymenoptera
- b. Coleoptera
- c. Odonata
- d. Diptera

Answer : c

Answer: (c)

Explanation: *Lyriothemis abrahami* belongs to the order Odonata, which includes dragonflies and damselflies

3) Jodidara tradition, recently in news, is associated with which of the following?

- a. A unique harvesting festival in Himachal Pradesh
- b. A traditional form of polyandrous marriage.
- c. A specific art form practiced by tribal communities.
- d. A ritual for agricultural prosperity.

Answer : b

Answer: (b)

Explanation: Jodidara is a traditional form of polyandrous marriage practiced among the Hatti tribe in Himachal Pradesh.

4) Which of the following statements about the Hatti tribal community is/are correct?

1. They reside in the Trans-Giri region of Himachal Pradesh.
2. They have recently been granted Scheduled Tribe status.
3. They are known for selling homegrown vegetables, crops, meat, and wool at small markets called 'haat'.
4. Their traditional council is called 'khumbli'.

Select the correct code:

- a. 1, 2 and 3 only
- b. 2, 3 and 4 only
- c. 1, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : d

Answer: (d)

Explanation: All the statements are correct as per the provided table on the Hatti Tribal Community.

5) What does "zero-dose children" refer to in the context of immunization?

- a. Children who have received only one vaccine dose.
- b. Children who have not received any vaccine doses.
- c. Children who have received all recommended vaccine doses.
- d. Children who are immune to all vaccine-preventable diseases.

Answer : b

Answer: (b)

Explanation: "Zero-dose children" are defined as those who have not received a single vaccine.

6) What is the base material used to create the 3D printed thin, sponge-like sheets for the new water filter?

- a. Polyethylene
- b. Polylactic acid (PLA)
- c. Polyvinyl chloride (PVC)
- d. Polypropylene

Answer : b

Answer: (b)

Explanation: The filter uses 3D printed thin, sponge-like sheets of polylactic acid (PLA).

7) The new water filter utilizes "piezo-photocatalysis" for its operation. This process combines:

- a. Heat and pressure
- b. Light and magnetism.
- c. Light and vibration.
- d. Chemical reactions and filtration

Answer : c

Answer: (c)

Explanation: Combining both light and vibration yielded piezo-photocatalysis, a process that worked day or night.

8) What is the primary function of biostimulants when applied to plants, seeds, or the rhizosphere?

- a. To act as a pesticide to kill pests.
- b. To directly provide essential nutrients like NPK.
- c. To stimulate physiological processes in plants.
- d. To act as a herbicide to kill weeds.

Answer : c

Answer: (c)

Explanation: Biostimulants are substances or microorganisms whose primary function is to stimulate physiological processes in plants.

9) Which of the following is NOT an advised function of the Central Biostimulant Committee?

- a. Inclusion of a new biostimulant.
- b. Fixing prices of various biostimulants.
- c. Specifications of various biostimulants.
- d. Methods of drawing of samples and their analysis.

Answer : b

Answer: (b)

Explanation: The committee advises the Centre on inclusion of new biostimulants, specifications, methods of sampling and analysis, minimum laboratory requirements, and testing methods. Fixing prices is not mentioned as one of its functions.

10) Which of the following acts/orders regulates the manufacturing and sale of biostimulants in India?

- a. Essential Commodities Act, 1955
- b. Fertilizer (Inorganic, Organic or Mixed) (Control) Order (FCO), 1985
- c. Insecticides Act, 1968
- d. Environmental Protection Act, 1986

Answer : b

Answer: (b)

Explanation: The Fertilizer (Inorganic, Organic or Mixed) (Control) Order (FCO), 1985, regulates the manufacturing and sale of biostimulants.



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