



Daily Current Affairs Prelims Quiz 28-06-2025 (Online Prelims Test)

1) With reference to the role of stingless bees in agriculture, as researched by Nagaland University, stingless bees are primarily related to:

- a. Enhancing crop yield and quality through efficient pollination.
- b. Producing high-value honey for export markets.
- c. Controlling pests in greenhouse farming.
- d. Developing drought-resistant crop varieties.

Answer : a

Stingless bees

- Tetragonula iridipennis and Lepidotrigona arcifera identified as superior pollinators.
- **Findings** - Both species are identified as the most efficient foragers on chilli booms in the open under low hill conditions.
- The yield and quality of chilli and other crops increased several times when these stingless bees were introduced as pollinators **under greenhouse conditions.**

To know more about this, click [here](#)

2) The term bow echo, recently seen in news, is primarily related to:

- a. A line of storms forming a squall line that appears bow-shaped.
- b. A circular cloud formation associated with tropical cyclones.
- c. A high-altitude wind pattern influencing monsoon rains.
- d. A temperature inversion causing fog in coastal areas.

Answer : a

Bow echo

- A bow echo is **essentially a line of storms**, also called a squall line, on the radar that looks like a bow.
- **Term coined by** - Ted Fujita, a Japanese American meteorologist known for developing the scale to classify tornadoes in the 1970s.
- This squall line can sometimes be embedded in a larger squall line.

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3) With reference to the PM-JANMAN programme, consider the following statements:

1. It focuses on 11 critical interventions, including safe housing, clean drinking water, and sustainable livelihoods for PVTG communities.
2. The programme targets 75 PVTG communities across 18 States and one Union Territory.

Which of the statements given above is/are incorrect?

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

Answer : d

PM JANMAN programme

- It is a basic scheme saturation package that brings housing, healthcare, nutrition, road connectivity, power, and drinking water interventions to 75 PVTG communities across 19 States and Union Territories across the country.
- The Ministry added that, under the package, 4.35 lakh houses had been sanctioned, of which 1.04 lakh houses had been completed.

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4) With reference to the National Apprenticeship Training Scheme (NATS), consider the following statements:

1. It is governed by the Apprentices Act, 1961, with amendments made in 1973.
2. Employers are reimbursed 50% of the stipend paid to apprentices during the training period.

Which of the statements given above is/are correct?

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

Answer : c

National Apprenticeship Training Scheme

- It is one of the flagship programs of the Government of India aimed at skilling Indian youth in various trade disciplines.
- It operates under the provisions of the Apprentices Act, 1961, which was amended in 1973.
- It provides practical, hands-on On-the-Job-Training (OJT) based skilling opportunities for Graduate, Diploma students, and Vocational certificate holders.
- **Duration** - 6 months to 1 year.
- During the apprenticeship period, apprentices receive a stipend, 50% of which is reimbursable to the employer.

5) With reference to the Bharat Forecast System (BFS), consider the following statements:

1. It was developed by the Indian Institute of Tropical Meteorology (IITM), Pune, under the Ministry

of Earth Sciences.

2. It is a probabilistic model that generates multiple weather scenarios for a given location.

Which of the statements given above is/are incorrect?

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

Answer : b

Bharat Forecast System

- It is India's first indigenously built high-resolution deterministic weather model.
- Deterministic models provide a single forecast for a given set of initial conditions, for a specific location and time.
- **Developed By** - The Indian Institute of Tropical Meteorology (IITM), Pune under Ministry of Earth Sciences (MoES).

To know more about this, click [here](#)

