

VAID ICS LUCKNOW

DAILY CURRENT AFFAIRS QUIZ

23/07/2025

ANSWER & EXPLANATION:

Qn 1:

Answer: B. 2 and 3 only

Explanation:

- **Statement 1 is incorrect:** Biostimulants **do not directly supply nutrients** like traditional fertilizers. Instead, they stimulate the plant's natural processes to improve nutrient uptake and utilization.
- **Statement 2 is correct:** Common examples of biostimulants include **seaweed extracts, humic and fulvic acids**, protein hydrolysates, etc.
- **Statement 3 is correct:** Biostimulants **improve tolerance to abiotic stress**, such as **drought, salinity, and heat**, by boosting plant metabolism and resilience.

Qn 2:

Answer: A. 2 only

Explanation:

- **Statement 1 – Incorrect:** Copyright arises **automatically** when an original work is created and fixed in a tangible medium. **Registration is not mandatory** for protection under the Copyright Act, 1957.
- **Statement 2 – Correct:** As per the Indian Copyright Act, for original literary, dramatic, musical, and artistic works, **copyright lasts for the lifetime of the author plus 60 years** after their death.
- **Statement 3 – Incorrect:** Copyright protects **expression of ideas, not the ideas themselves**. This is a settled principle in copyright law – known as the **idea-expression dichotomy**.

Qn 3:

Answer: C. 2 and 3 only

Explanation:

- **Statement 1 – Incorrect:** Urban areas are **hotter**, not cooler, than rural areas due to less vegetation and more heat-absorbing surfaces.
- **Statement 2 – Correct:** UHI is often **more pronounced at night** because urban surfaces slowly release the heat absorbed during the day, but this **depends** on local climate and land use. In dry areas, it can be higher during daytime.
- **Statement 3 – Correct:** Asphalt and concrete **absorb and store heat**, contributing to higher urban temperatures.

Qn 4:

Answer: A. 1 and 3 only

Explanation:

- **Statement 1: Correct.**
According to the World Bank report (2025), **Indian cities are projected to generate nearly 70% of the country's new employment by 2030**, highlighting their critical role in economic growth.
- **Statement 2: Incorrect.**
The **projected cost for building climate-resilient infrastructure in Indian cities is not \$5 billion, but \$2.4 trillion by 2050.**
The **\$5 billion** figure refers to **estimated economic losses from floods over the next 15 years**, not the cost of infrastructure development.
- **Statement 3: Correct.**
Urban areas are **increasingly exposed to flood risks** due to **rapid urbanization, high population densities, and inadequate or vulnerable infrastructure**, especially in low-lying zones.

Qn 5: b

Answer: B) Hattis

Explanation: 'Joddarna' is a polyandry tradition observed by the Hatti tribal community

in the Trans-Giri region of Himachal Pradesh. This practice involves one woman marrying multiple brothers.

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