



Daily MCQ: DD.MM.2026

- 1) Consider the following statements regarding the PM-YASASVI (Prime Minister Young Achievers Scholarship Award Scheme for Vibrant India):
1. The scheme is open to students belonging to Other Backward Classes (OBC), Economically Backward Classes (EBC), and Denotified, Nomadic, and Semi-Nomadic Tribes (DNT).
 2. It is an umbrella scheme implemented by the Department of Social Justice and Empowerment under the Ministry of Social Justice and Empowerment.

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

- 2) Consider the following statements regarding INS Malvan:
1. It is the second Mahe-class Anti-Submarine Warfare Shallow Water Craft (ASW-SWC).
 2. It is indigenously built by Cochin Shipyard Limited with over 80% indigenous content.
 3. It is equipped for underwater surveillance, anti-submarine warfare and low-intensity maritime operations.

Which of the statements given above are correct?

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

- 3) **Assertion (A):** Borophene-based lubricants are considered environmentally friendly alternatives to conventional lubricants.

Reason (R): Borophene can be incorporated into biodegradable base oils such as castor oil to enhance lubrication performance.

Which one of the following is correct in respect of the above statements?

- (a) Both A and R are true, and R is the correct explanation of A.
- (b) Both A and R are true, but R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

- 4) Consider the following statements regarding Foreign Direct Investment (FDI) in India:
1. India's total FDI inflows have continuously increased over the last five years.
 2. Maharashtra has emerged as the largest recipient of FDI equity inflows among all States/UTs.
 3. The Computer Software & Hardware sector received the highest share of FDI equity inflows.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only



(d) 1,2 and 3

- 5) Consider the following statements based on the *Energy Statistics India 2026* report:
- I. Coal contributed approximately four-fifths of the total domestic energy supply in FY 2024–25.
 - II. Domestic coal production grew by nearly 5% during FY 2024–25.
 - III. Electricity generated from renewable sources has more than doubled over the last decade.

Which of the following inferences can be drawn from the above statements?

1. India is simultaneously expanding conventional energy production while increasing electricity generation from renewable sources.
2. The above trends indicate a decoupling of GDP growth from energy inefficiency.
3. The above trends indicate that India's environmental performance has entered the Environmental Kuznets Curve's declining phase.

Which of the following inferences can be drawn from the above statements?

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

Explanation

1) Answer: (C)

- PM-YASASVI (Prime Minister Young Achievers Scholarship Award Scheme for Vibrant India) is a comprehensive umbrella scheme implemented by the Department of Social Justice and Empowerment under the Ministry of Social Justice and Empowerment. It unifies scholarship support and residential hostel infrastructure for socially and educationally backward youth across India.
- Launched In / Evolution:
- Origin: The hostel construction component originated in 1998–99 to address educational backwardness among OBC youth, undergoing a major revision in 2017–18.
- Umbrella Consolidation: Restructured and expanded into the present PM-YASASVI umbrella framework to cover financial assistance across all learning stages—from school level through top-tier college education.
- Aim: To eliminate financial constraints and geographical barriers for students hailing from rural and economically weaker sections, ensuring equitable access to secondary and higher education through financial scholarships and quality hostel facilities.
- Target Beneficiaries & Eligibility Criteria:
- Identified Categories: Open to students belonging to Other Backward Classes (OBC), Economically Backward Classes (EBC), and Denotified, Nomadic, and Semi-Nomadic Tribes (DNT).
- Non-Creamy Layer Requirement: Applicants must be listed in Central/State/UT lists of OBCs and fall strictly outside the creamy layer.
- Priority Allocation: Hostels prioritize post-matric and undergraduate students coming from rural areas lacking local colleges, with a mandatory 5% seat reservation for students with disabilities.



2) Answer: (D)

- INS Malvan is the **second Mahe-class Anti-Submarine Warfare Shallow Water Craft (ASW-SWC)**. Hence Statement 1 is correct.
- It was **indigenously designed and built by Cochin Shipyard Limited (CSL)** and has **over 80% indigenous content**. Hence Statement 2 is correct.
- It is equipped for **underwater surveillance, Anti-Submarine Warfare (ASW) and Low Intensity Maritime Operations (LIMO)**. Hence Statement 3 is correct.
- Therefore, option D is the correct answer.

3) Answer: (A)

Assertion (A): Borophene-based lubricants are being developed as **environmentally friendly alternatives** to conventional petroleum-based lubricants. When used with biodegradable base oils, they can reduce energy losses due to friction while lowering the environmental impact. **Hence, Assertion (A) is true.**

Reason (R): Recent research has demonstrated that **borophene can be incorporated into biodegradable base oils such as castor oil**, significantly enhancing lubrication performance by reducing friction and wear. **Hence, Reason (R) is true and correctly explains Assertion (A).**

Therefore, both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of Assertion (A). Hence, option (a) is the correct answer.

4) Answer: (B)

Statement 1: Incorrect. India's total FDI inflows have **not continuously increased** over the last five years. After rising to **USD 84.84 billion in FY 2021–22**, total FDI inflows declined to **USD 71.35 billion in FY 2022–23** and **USD 71.28 billion in FY 2023–24**, before increasing to **USD 81.04 billion (provisional) in FY 2024–25**. Thus, the trend has been **fluctuating rather than continuously increasing**.

Statement 2: Correct. Maharashtra remained the **largest recipient of FDI equity inflows**, accounting for **39%** of the total FDI equity inflows, followed by **Karnataka (13%)** and **Delhi (12%)**.

Statement 3: Incorrect. The **Services** sector attracted the **highest share (19%)** of FDI equity inflows, whereas **Computer Software & Hardware** ranked **second**, accounting for **16%**.

Therefore, only Statement 2 is correct and option (B) is the right answer

5) Answer: (A)

- **1st Inference is Correct:** Coal continues to dominate India's energy supply while renewable electricity generation has more than doubled. This indicates that India is expanding both conventional and renewable energy simultaneously.
- **2nd Inference is Correct:** The report highlights a **decoupling of GDP growth from energy inefficiency**, implying that economic growth is increasingly supported by cleaner and more efficient energy use.
- **3rd Inference is Incorrect:**



- **Environmental Kuznets Curve (EKC):** It is a hypothesis that environmental degradation first increases and then decreases with rising per capita income, forming an **inverted U-shaped relationship between economic growth and environmental quality**.
- The given statements do not establish that India has entered the **declining phase of the Environmental Kuznets Curve (EKC)**. They only indicate improvements in energy efficiency and the energy mix, which are insufficient to infer India's position on the EKC.
- **Therefore, option A is the correct answer.**

