



Daily MCQ: 17.08.2026

- 1) Consider the following statements with reference to PM-AJAY Scheme:

Statement-I: PM-AJAY aims to improve the socio-economic conditions of Scheduled Castes through various development interventions.

Statement-II: PM-AJAY focuses on livelihood generation and infrastructure development in identified areas.

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

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

- 2) Which one of the following statements about Mangroves is **not** correct?

- (a) Mangroves are predominantly found in intertidal coastal areas where periodic tidal inundation influences soil conditions and vegetation.
- (b) The extensive root systems of mangroves help in trapping sediments and stabilising coastal soil, thereby reducing coastal erosion.
- (c) Mangrove species possess adaptations such as specialised root systems and salt-tolerance mechanisms that enable them to survive in saline and waterlogged environments.
- (d) Mangrove ecosystems are generally associated with well-drained, oxygen-rich soils, as their root systems require exposure to atmospheric oxygen for growth.

- 3) Consider the following statements with reference to the PM-KUSUM Scheme:

- 1. Component A is primarily concerned with solarising existing agricultural pumps.
- 2. The PM-KUSUM Scheme is implemented by the Ministry of New and Renewable Energy.
- 3. Under Component B, the farmer can use a standalone solar pump without depending on grid electricity for its operation.

Which one of the following conclusions based on the above statements is correct?

- (a) All three statements are correct.
- (b) There is no correct statement.
- (c) There are two correct statements that include statement 3.
- (d) There is only one correct statement.

- 4) With reference to the Mandovi/Mahadayi River, consider the following statements:

- 1. The Mandovi originates in the Jamboti Ghats of Karnataka and flows westward into the Arabian Sea.
- 2. Kudnem, Valvanta, Bicholim and Khandepar are among the tributaries associated with the Mandovi river system.
- 3. The Mandovi basin lies entirely within the state of Goa.

How many of the statements given above are correct?

- (a) Only One
- (b) Only Two
- (c) All Three
- (d) None



- 5) With reference to 'CYBER KUSHTI 2026', recently launched by the Ministry of Electronics and Information Technology (MeitY), which one of the following best describes it?
- (a) A national cybersecurity awareness initiative aimed at educating the public about online financial scams and phishing threats
 - (b) A national cybersecurity and AI hackathon aimed at testing participants' ability to evaluate, prioritise and defend security decisions
 - (c) A specialised cyber-defence training programme aimed at upskilling government officials in threat management
 - (d) A professional cybersecurity certification framework aimed at establishing skill standards for enterprise auditors

Explanation

1) Answer: (A)

- **Statement-I** outlines the overarching goal of the **Pradhan Mantri Anusuchit Jati Abhyuday Yojana (PM-AJAY)**, which is a centrally sponsored scheme aimed at improving the socio-economic conditions of Scheduled Caste (SC) communities.
- **Statement-II** correctly details the primary mechanisms and core focus areas through which this objective is achieved—specifically by emphasizing livelihood generation (via skill development, income-generating schemes, and asset creation) and infrastructure development (such as the *Adarsh Gram* component and construction of hostels/essential village infrastructure). Therefore, Statement-II directly explains how Statement-I is implemented.
- **Therefore, option A is the correct answer.**

2) Answer: (D)

Option (a): Mangroves predominantly occur in **intertidal coastal zones**, particularly in estuaries, deltas and tidal creeks, where they are periodically flooded by seawater. **Hence, option (a) is correct.**

Option (b): Their dense and specialised root systems help **trap sediments, bind the soil and reduce coastal erosion**, while also providing protection against waves and storm surges. **Hence, option (b) is correct.**

Option (c): Mangroves possess several adaptations to **saline and waterlogged conditions**, including specialised roots and mechanisms for managing excess salt. **Hence, option (c) is correct.**

Option (d): Mangroves commonly grow in **waterlogged, oxygen-deficient soils**, rather than well-drained, oxygen-rich soils. Their aerial roots, such as **pneumatophores**, help them obtain oxygen from the atmosphere. **Hence, option (d) is not correct.**

Therefore, option (d) is the correct answer.

3) Answer: (C)

- **Statement 1 is Incorrect:** Component A is concerned with setting up decentralized ground/stilt-mounted grid-connected renewable energy power plants (500 kW to 2 MW) on barren/uncultivable or agricultural land. It is **Component C** that primarily focuses on solarising existing grid-connected agricultural pumps.



- **Statement 2 is Correct:** The PM-KUSUM scheme is implemented by the **Ministry of New and Renewable Energy (MNRE)**.
- **Statement 3 is Correct:** Under Component B, support is provided for the installation of **standalone solar agriculture pumps** (up to 7.5 HP) in off-grid areas, allowing farmers to operate irrigation pumps without depending on grid electricity or diesel.
- **Therefore, option C is the correct answer.**

4) Answer: (B)

- **Statement 1 is correct:** The Mandovi River originates in the **Jamboti Ghats of Karnataka** and flows westward. It eventually enters the **Arabian Sea** in Goa. The Central Water Commission identifies it as a west-flowing inter-State river
- **Statement 2 is correct: Kudnem, Valvanti, Bicholim and Khandepar** are among the important tributaries of the Mandovi river system. Government of Goa documents also identify **Madei, Surla, Kotrachi and Ragda** among the tributaries.
- **Statement 3 is incorrect:** The Mandovi basin does **not lie entirely within Goa**. Although a major portion of the river flows through Goa, its **headwaters are in Karnataka**, and a small portion of its catchment also extends into **Maharashtra**.
- **Therefore, option B is the correct answer.**

5) Answer: (B)

- **CYBER KUSHTI 2026** is a **national Cybersecurity and Artificial Intelligence (AI) hackathon** launched by the **National Institute of Electronics and Information Technology (NIELIT)**, under the **Ministry of Electronics and Information Technology (MeitY)**, with **CERT-In** as the **Knowledge Partner**.
- It is designed to test participants' **human judgment in evaluating, prioritising and defending cybersecurity decisions**, rather than merely testing detection speed or conventional Capture-the-Flag skills.
- Hence, **option (b) is correct.**