

Daily-mcqs 05 Dec 2025

Current Affairs MCQs for UPSC & State PSC Exams 05 Dec 2025



Daily MCQs for UPSC/PSC Exams

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Q1: With reference to *deepfake technology*, consider the following statements:

1. Deepfakes are generated primarily using machine learning techniques such as Generative Adversarial Networks (GANs).
2. Deepfakes can be used only for visual manipulation (images and videos) and cannot be applied to audio content.

Which of the statements given above is/are correct?

- A: 1 only
- B: 2 only
- C: Both 1 and 2
- D: None

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Q2: In the context of challenges posed by *deepfake technology*, which of the following are potential risks for democratic and social processes?

1. Manipulation of political speeches to spread misinformation during elections.
2. Financial fraud through impersonation of individuals using synthetic voice technology.

Select the correct answer using the code below:

- A: 1 only
- B: 2 only
- C: Both 1 and 2

D: None

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Q3: With reference to *India's commitment to achieving Net-Zero emissions*, consider the following statements:

1. India has committed to achieving net-zero greenhouse gas emissions by 2070, as announced at COP26 in Glasgow.
2. India aims to meet at least 50% of its total energy requirements from renewable energy sources by 2030.
3. India has pledged to reduce its carbon intensity by 45% by 2030 relative to 2005 levels.

Which of the statements given above is/are correct?

- A: 1 and 2 only
- B: 1 and 3 only
- C: 2 and 3 only
- D: 1, 2, and 3

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Q4: Consider the following environmental initiatives and policies of India:

1. **National Hydrogen Energy Mission** — aims to scale up green hydrogen production and promote hydrogen valleys.
2. **2G Ethanol Programme** — supports advanced biofuels by converting agricultural waste into ethanol.
3. **National Clean Air Programme (NCAP)** — targets a 40% reduction in particulate pollution by 2035.

Which of the statements given above is/are correct?

- A: 1 and 2 only
- B: 1 and 3 only
- C: 2 and 3 only
- D: 1, 2, and 3

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Q5: With reference to *emerging technologies*, consider the following statements:

- 1. Quantum computing** relies on qubits, which can exist in multiple states simultaneously due to superposition.
- 2. Blockchain technology** eliminates the need for any consensus mechanism due to its decentralized nature.
- 3. Edge computing** reduces latency by processing data closer to the source rather than relying on centralized cloud servers.

Which of the statements given above is/are correct?

- A:** 1 and 2 only
- B:** 1 and 3 only
- C:** 2 and 3 only
- D:** 1, 2, and 3

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