

**Daily-mcqs** 29 Jan 2025

Current Affairs MCQs for UPSC & State PSC Exams 29 Jan 2025



## Daily MCQs for UPSC/PSC Exams

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**Q1: Which of the following statements about the impact of mining dust on plant health is correct?**

1. Mining dust primarily affects plant growth by blocking stomatal pores, disrupting gas exchange.
2. The dust from mining contains only harmless particles, such as sand and dirt.
3. Transpiration, which is essential for regulating plant temperature, is enhanced by the accumulation of mining dust.
4. Mining dust has no effect on the carbon uptake of plants.

**Choose the correct answer using the codes below:**

- A: Only 1
- B: 1 and 3 only
- C: 2 and 4 only
- D: 3 and 4 only

Sho

**Q2: Which of the following statements about the recent development of a nano-formulation for Parkinson's disease treatment is correct?**

1. The nano-formulation developed by INST uses chitosan nanoparticles to deliver 17beta-oestradiol (E2) directly to the brain.
2. Parkinson's disease is caused by an overproduction of dopamine.
3. The targeted nano-formulation works by blocking dopamine receptor D3 (DRD3) in the brain to improve motor function.

**Choose the correct answer using the codes below:**

- A:** Only 1
- B:** 1 and 2 only
- C:** 1 and 3 only
- D:** All of the above

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**Q3: What is the primary cause of Parkinson's disease?**

- A:** Loss of serotonin-producing neurons
- B:** Death of dopamine-producing neurons
- C:** Increased production of acetylcholine
- D:** Damage to the cerebellum

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**Q4: Which of the following statements about Joint Parliamentary Committees (JPCs) is correct?**

1. A JPC is set up through a motion passed in one house of Parliament and must be agreed to by the other house.
2. Members of a JPC include only MPs from the Lok Sabha.
3. JPCs are permanent bodies that function continuously throughout the year.
4. JPC recommendations have binding legal power, compelling the government to act on them.

**Choose the correct answer using the codes below:**

- A:** Only 1
- B:** 1 and 3 only
- C:** Only 1 and 4
- D:** 2 and 3 only

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**Q5: Which of the following statements about microplastics is incorrect?**

1. Microplastics are defined as plastic particles smaller than one millimetre in diameter.
2. Primary microplastics are created when larger plastic items degrade due to natural factors like UV radiation and ocean currents.

**3. Secondary microplastics are intentionally manufactured small plastic particles, such as microbeads in personal care products.**

**Choose the correct answer using the codes below:**

**A:** 3 only

**B:** 1 and 3 only

**C:** 2 and 4 only

**D:** All of the above

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