

CMAT 2025 Shift 2 Question Paper with Solutions

Time Allowed :3 Hours	Maximum Marks :400	Total Questions :100
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1. Find the odd one out:

- (A) Flood
- (B) Earthquake
- (C) Hurricane
- (D) Bomb blast

Correct Answer: (D) Bomb blast.

Solution: Flood, Earthquake, and Hurricane are natural disasters, whereas Bomb blast is a man-made event. Therefore, the odd one out is Bomb blast.

Quick Tip

Focus on identifying categories when solving "odd one out" questions.

2. Cricket is the national game of which country?

- (A) India
- (B) Russia
- (C) Australia
- (D) China

Correct Answer: (C) Australia.

Solution: Cricket is recognized as the national game of Australia. Though cricket is popular in India, it is not officially its national game.

Quick Tip

Always verify the national game officially recognized by the country. Popularity may not indicate official status.

3. Find the right word for the pair: Chair: Furniture :: Shoe: ?

- (A) Cobbler
- (B) Footwear
- (C) Socks
- (D) Leather

Correct Answer: (B) Footwear.

Solution: A chair is a type of furniture, and similarly, a shoe is a type of footwear. Hence, the correct pair is Shoe: Footwear.

Quick Tip

Look for the broader category that includes the given object in analogy questions.

4. Who authored the famous book, Akbar-Nama?

- (A) Tansen
- (B) Abul Fazl
- (C) Birbal
- (D) Akbar

Correct Answer: (B) Abul Fazl.

Solution: The Akbar-Nama is a historical account of Emperor Akbar's reign and was written by Abul Fazl, who was one of the Nine Jewels in Akbar's court. The work is considered a masterpiece of Mughal literature.

Quick Tip

Focus on identifying key historical works and their authors for history-related questions.

5. Which of the following is not an advantage of using renewable energy sources?

- (A) Reduced Greenhouse Gas Emissions
- (B) Lower Energy Costs in the Long Term
- (C) Dependence on Fossil Fuels
- (D) Sustainable Resource Availability

Correct Answer: (C) Dependence on Fossil Fuels.

Solution: Renewable energy sources reduce dependence on fossil fuels rather than increase it. The other options are valid advantages of renewable energy, such as reducing greenhouse gas emissions, offering lower costs in the long term, and ensuring sustainable resource availability. Therefore, the correct answer is "Dependence on Fossil Fuels," as it is not an advantage.

Quick Tip

Remember that renewable energy reduces reliance on finite resources like fossil fuels while offering environmental and economic benefits.

6. Six friends—A, B, C, D, E, and F—are sitting around a circular table facing the center. The following information is known:

1. A is sitting immediately to the left of B.
2. C is sitting two places to the right of A.
3. D is sitting opposite to E.
4. F is not sitting next to C or D.

Question: What is the position of F relative to A?

- (A) Immediate left
- (B) Immediate right
- (C) Two places to the left
- (D) Two places to the right

Correct Answer: (D) Two places to the right.

Solution: From the given conditions, the seating arrangement is deduced as follows:

- A is immediately to the left of B.
- C is two places to the right of A.
- D is opposite E, and F is not adjacent to C or D.

The arrangement becomes: A, F, D, B, E, C (in clockwise order). Thus, F is two places to the right of A.

Quick Tip

To solve circular seating arrangement questions, use the clues sequentially to fix positions and avoid contradictions.

7. During Manmohan Singh's tenure as the Prime Minister of India (2004–2014), which of the following significant initiatives or events took place?

- (A) Introduction of the Goods and Services Tax (GST)
- (B) Implementation of the National Rural Employment Guarantee Act (NREGA)
- (C) Launch of the Make in India campaign
- (D) Demonetization of high-value currency notes

Correct Answer: (B) Implementation of the National Rural Employment Guarantee Act (NREGA).

Solution: During Manmohan Singh's tenure as Prime Minister, the National Rural Employment Guarantee Act (NREGA) was implemented in 2005, providing legal assurance of employment to rural households. The introduction of GST and the demonetization of high-value currency notes occurred later, under subsequent governments, while the Make in India campaign was launched in 2014. Therefore, the correct answer is NREGA.

Quick Tip

For historical and political questions, align the events with the respective tenures of leaders.

8. Who founded the Indian National Congress (INC) party?

- (A) Mahatma Gandhi
- (B) Jawaharlal Nehru
- (C) A.O. Hume
- (D) Bal Gangadhar Tilak

Correct Answer: (C) A.O. Hume.

Solution: The Indian National Congress (INC) was founded in 1885 by Allan Octavian Hume, a retired British civil servant. The INC was established to promote political reform and bring Indians together under a common platform.

Quick Tip

Remember the foundational details of major political organizations for history and polity questions.

9. Who was the first Chief Election Commissioner of India?

- (A) Sukumar Sen
- (B) T.N. Seshan
- (C) K.V.K. Sundaram
- (D) S.P. Sen Verma

Correct Answer: (A) Sukumar Sen.

Solution: Sukumar Sen served as the first Chief Election Commissioner of India from 1950 to 1958. He oversaw the country's first general election in 1951–52, which was a significant milestone in Indian democracy.

Quick Tip

Know the key contributions of individuals who played significant roles in Indian democracy and governance.

10. Arrange the following expressions in ascending order:

$$\sqrt{401} - \sqrt{399}, \quad \sqrt{301} - \sqrt{299}, \quad \sqrt{201} - \sqrt{199}.$$

(A) $\sqrt{401} - \sqrt{399} < \sqrt{301} - \sqrt{299} < \sqrt{201} - \sqrt{199}$

(B) $\sqrt{201} - \sqrt{199} < \sqrt{301} - \sqrt{299} < \sqrt{401} - \sqrt{399}$

(C) $\sqrt{301} - \sqrt{299} < \sqrt{201} - \sqrt{199} < \sqrt{401} - \sqrt{399}$

(D) $\sqrt{201} - \sqrt{199} < \sqrt{401} - \sqrt{399} < \sqrt{301} - \sqrt{299}$

Correct Answer: (B) $\sqrt{201} - \sqrt{199} < \sqrt{301} - \sqrt{299} < \sqrt{401} - \sqrt{399}$.

Solution: We calculate the approximate values of each expression:

- $\sqrt{401} - \sqrt{399} \approx 0.050$
- $\sqrt{301} - \sqrt{299} \approx 0.058$
- $\sqrt{201} - \sqrt{199} \approx 0.070$

From these calculations, the order of the expressions in ascending order is:

$$\sqrt{201} - \sqrt{199} < \sqrt{301} - \sqrt{299} < \sqrt{401} - \sqrt{399}.$$

Quick Tip

For such problems, approximate the square roots to compare the expressions or use the formula:

$$\sqrt{a} - \sqrt{b} \approx \frac{a - b}{\sqrt{a} + \sqrt{b}}.$$