

CUET 2026 May 18 Shift 2 GAT

Question Paper (Memory-Based) With Solutions

Conducted by National Testing Agency (NTA)



General Instructions

- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +5 marks for correct answer and -1 mark for wrong answer.
- (iii) The total number of questions are 50.
- (iv) Duration of the exam is 1 hour (60 minutes).

1. The “Right to Property” was removed from the list of Fundamental Rights by which Constitutional Amendment?

- (A) 42nd Amendment
- (B) 44th Amendment
- (C) 52nd Amendment
- (D) 61st Amendment

Correct Answer: (B) 44th Amendment

Solution:

Step 1: Understanding the Question:

The question asks about the specific constitutional amendment that changed the status of the "Right to Property" in the Indian Constitution.

Step 2: Detailed Explanation:

Originally, the Right to Property was a Fundamental Right under Article 31.

In 1978, the 44th Constitutional Amendment Act was passed by the Janata Party government. This amendment removed the Right to Property from the list of Fundamental Rights (Part III) and reclassified it as a legal right under a new Article 300A in Part XII of the Constitution. This means that while the right still exists, it is no longer protected under the constitutional remedies for fundamental rights like Article 32.

Step 3: Final Answer:

The 44th Amendment is the correct answer.

Quick Tip: Remember that the 42nd Amendment is often called the "Mini-Constitution" due to its vast changes, while the 44th Amendment (1978) was primarily brought to undo many of the changes made during the Emergency, including the relocation of the Right to Property.

2. The POCSO Act in India was enacted in which year?

- (A) 2009
- (B) 2010
- (C) 2012
- (D) 2015

Correct Answer: (C) 2012

Solution:

Step 1: Understanding the Question:

The question identifies the year of enactment for the Protection of Children from Sexual Offences (POCSO) Act.

Step 2: Detailed Explanation:

The Protection of Children from Sexual Offences (POCSO) Act is a comprehensive law to

provide for the protection of children from the offences of sexual assault, sexual harassment, and pornography.

It was enacted by the Parliament of India in the year 2012 to comply with the UN Convention on the Rights of the Child.

The Act defines a child as any person below eighteen years of age.

Step 3: Final Answer:

The POCSO Act was enacted in 2012.

Quick Tip: In competitive exams, remember that POCSO (2012) is gender-neutral, meaning it protects both boys and girls from sexual offences.

3. Who is the author of the book *Wings of Fire*?

- (A) Chetan Bhagat
- (B) A.P.J. Abdul Kalam
- (C) Ruskin Bond
- (D) Vikram Seth

Correct Answer: (B) A.P.J. Abdul Kalam

Solution:

Step 1: Understanding the Question:

The question asks for the author of the famous autobiography *Wings of Fire*.

Step 2: Detailed Explanation:

Wings of Fire is the autobiography of Dr. A.P.J. Abdul Kalam, the former President of India and a renowned scientist.

The book was co-authored by Arun Tiwari.

It details Kalam's early life and his work in the Indian space research and missile programs.

Step 3: Final Answer:

The author is A.P.J. Abdul Kalam.

Quick Tip: Autobiographies of famous personalities are frequent topics in GK. Always associate *Wings of Fire* and *Ignited Minds* with Dr. A.P.J. Abdul Kalam.

4. The SI unit of frequency is:

- (A) Joule
- (B) Newton
- (C) Hertz
- (D) Watt

Correct Answer: (C) Hertz

Solution:

Step 1: Understanding the Question:

The question asks for the standard International System of Units (SI) unit used to measure frequency.

Step 2: Detailed Explanation:

Frequency is defined as the number of occurrences of a repeating event per unit of time.

The SI unit for frequency is the Hertz (symbol: Hz).

One Hertz is equal to one cycle per second ($1 \text{ Hz} = 1 \text{ s}^{-1}$).

Other options:

- Joule is the unit of Energy/Work.
- Newton is the unit of Force.

- Watt is the unit of Power.

Step 3: Final Answer:

The SI unit of frequency is Hertz.

Quick Tip: Frequency is the reciprocal of the time period ($f = 1/T$). Thus, its unit is essentially "per second".

5. A cube has side length doubled. Its volume becomes:

- (A) Twice
- (B) Four times
- (C) Six times
- (D) Eight times

Correct Answer: (D) Eight times

Solution:

Step 1: Understanding the Question:

We need to find the factor by which the volume of a cube increases when its side length is doubled.

Step 2: Key Formula or Approach:

The volume V of a cube with side length s is given by:

$$V = s^3$$

Step 3: Detailed Explanation:

Let the initial side be s_1 . The initial volume is $V_1 = s_1^3$.

If the side length is doubled, the new side $s_2 = 2s_1$.

The new volume V_2 will be:

$$V_2 = (s_2)^3 = (2s_1)^3$$

$$V_2 = 8 \cdot s_1^3$$

Since $V_1 = s_1^3$, we have:

$$V_2 = 8 \cdot V_1$$

Step 4: Final Answer:

The volume becomes eight times the original volume.

Quick Tip: For any 3D shape, if all linear dimensions are scaled by a factor k , the volume is scaled by k^3 and the surface area by k^2 .

6. Simple Interest on a sum for 2 years at 10% per annum is 400. What is the principal amount?

- (A) 1000
- (B) 1500
- (C) 2000
- (D) 2500

Correct Answer: (C) 2000

Solution:

Step 1: Understanding the Question:

We are given the Simple Interest (SI), time (T), and rate (R), and we need to find the Principal (P).

Step 2: Key Formula or Approach:

The formula for Simple Interest is:

$$SI = \frac{P \times R \times T}{100}$$

Step 3: Detailed Explanation:

Given: - $SI = 400$

- $T = 2$ years

- $R = 10\%$

Substituting these values into the formula:

$$400 = \frac{P \times 10 \times 2}{100}$$

$$400 = \frac{20P}{100}$$

$$400 = \frac{P}{5}$$

Rearranging for P:

$$P = 400 \times 5 = 2000$$

Step 4: Final Answer:

The principal amount is 2000.

Quick Tip: Simple interest is directly proportional to time and rate. If the total interest for 2 years at 10% is 20% of the principal, then 20% of $P = 400$. Therefore, $P = 400/0.2 = 2000$.

7. Work done is zero when the angle between force and displacement is:

- (A) 0°
- (B) 45°
- (C) 90°
- (D) 180°

Correct Answer: (C) 90°

Solution:

Step 1: Understanding the Question:

The question asks for the condition under which the physical work done by a force is zero based on the direction of displacement.

Step 2: Key Formula or Approach:

Work done (W) is defined as the dot product of force (F) and displacement (d):

$$W = F \cdot d \cdot \cos(\theta)$$

where θ is the angle between the force and displacement vectors.

Step 3: Detailed Explanation:

For work done to be zero ($W = 0$), either $F = 0$, $d = 0$, or $\cos(\theta) = 0$.

We know that $\cos(90^\circ) = 0$.

Therefore, when the force is applied perpendicular to the direction of displacement ($\theta = 90^\circ$), the work done is zero.

Examples include a person carrying a heavy load on their head while walking horizontally.

Step 4: Final Answer:

The work done is zero when the angle is 90° .

Quick Tip: Remember:

- $\theta = 0^\circ$: Maximum positive work.
- $\theta = 180^\circ$: Maximum negative work (e.g., friction).
- $\theta = 90^\circ$: Zero work.

8. Which of the following is a unit of power?

- (A) Pascal
- (B) Watt
- (C) Dyne
- (D) Volt

Correct Answer: (B) Watt

Solution:

Step 1: Understanding the Question:

Identify the correct unit for measuring power from the given options.

Step 2: Detailed Explanation:

Power is the rate of doing work or the rate at which energy is transferred.

The SI unit of power is the Watt (symbol: W).

$$1 \text{ Watt} = 1 \text{ Joule per second}$$

Other units provided:

- Pascal (Pa) is the unit of Pressure.
- Dyne is the CGS unit of Force.
- Volt (V) is the unit of Electric Potential/Voltage.

Step 3: Final Answer:

Watt is the correct unit of power.

Quick Tip: Household electrical appliances are rated in Watts or Kilo-Watts (kW). Horsepower (hp) is another common non-SI unit for power ($1 \text{ hp} \approx 746 \text{ W}$).

9. Who wrote the novel *The Guide*?

- (A) R.K. Narayan

- (B) Premchand
- (C) Rabindranath Tagore
- (D) Khushwant Singh

Correct Answer: (A) R.K. Narayan

Solution:

Step 1: Understanding the Question:

The question asks for the author of the 1958 English novel *The Guide*.

Step 2: Detailed Explanation:

The Guide is written by R.K. Narayan.

Set in the fictional town of Malgudi, it tells the story of a tour guide named Raju and his transformation.

The book won the Sahitya Akademi Award for English in 1960.

It was also famously adapted into a film starring Dev Anand.

Step 3: Final Answer:

The novel was written by R.K. Narayan.

Quick Tip: R.K. Narayan is best known for creating the semi-fictional town "Malgudi". If a book mention "Malgudi", the answer is usually R.K. Narayan.

10. The curved surface area of a cylinder depends on:

- (A) $2\pi r^2$
- (B) $\pi r^2 h$
- (C) $2\pi r h$
- (D) $4\pi r^2$

Correct Answer: (C) $2\pi rh$

Solution:

Step 1: Understanding the Question:

Identify the formula for the Curved Surface Area (CSA) of a right circular cylinder.

Step 2: Detailed Explanation:

A cylinder has a circular base with radius r and a height h .

- The area of the circular base is πr^2 .
- The volume of the cylinder is $\pi r^2 h$.
- The circumference of the base is $2\pi r$.
- The curved surface area is the area of the side surface, which is the base circumference multiplied by the height.

$$CSA = 2\pi r \times h = 2\pi rh$$

- The total surface area (TSA) would be $2\pi rh + 2\pi r^2 = 2\pi r(r + h)$.

Step 3: Final Answer:

The formula for the curved surface area is $2\pi rh$.

Quick Tip: Imagine "unrolling" the curved side of a cylinder. It forms a rectangle with width equal to the height (h) and length equal to the circumference of the circle ($2\pi r$). $\text{Area} = L \times W = 2\pi r \times h$.