

CUET PG 2026 Forensic Science Question Paper

Time Allowed :1 Hour 30 Minutes	Maximum Marks :300	Total Questions :75
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General Instructions

Read the following instructions very carefully and strictly follow them:

- The Question Paper consists of 75 Multiple Choice Questions (MCQs).
- Total marks for the exam is 300.
- The total duration is 90 minutes; a timer on the screen will display the remaining time, and the exam will automatically submit when the time reaches zero.
- For every correct answer, 4 marks (+4) will be awarded to the candidate, and a 1 mark (-1) will be deducted for every incorrect answer.
- Question papers are available in both English and Hindi.

1. During Crime Scene Reconstruction, the "Anisotropic" nature of certain evidence refers to:

- (A) Its chemical purity.
- (B) Properties that vary depending on the direction of measurement.
- (C) Its ability to be photographed under UV light.
- (D) Its radioactive decay rate.

2. In Forensic Serology, "Absorption-Elution" is a method used for:

- (A) DNA extraction from bones.
- (B) Determining the ABO blood group from dried stains.
- (C) Measuring the concentration of poison in the liver.
- (D) Identifying the species of an insect.

3. In "Nuclear Magnetic Resonance" (NMR) spectroscopy, the "Chemical Shift" is measured in:

- (A) Nanometers (nm)
- (B) Parts per million (ppm)
- (C) Hertz (Hz)
- (D) Joules (J)

4. The "Critical Angle" is the angle of incidence that results in an angle of refraction of:

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

5. "Toxicokinetics" deals with:

- (A) The effects of the poison on the body.
- (B) What the body does to the poison (Absorption, Distribution, Metabolism, Excretion).
- (C) The legal punishment for poisoning.
- (D) The color of the poison.

6. Assertion (A): The 'Marquis Test' turns orange-brown in the presence of amphetamines.

Reason (R): This color change is due to the reaction of the reagent with the aromatic ring structure of the drug.

- (A) Both A and R are true, and R is the correct explanation of A.
- (B) Both A and R are true, but R is not the correct explanation of A.
- (C) A is true but R is false.
- (D) A is false but R is true.

7. A "Rough Sketch" of a crime scene must include:

- (A) A scale drawing.
- (B) A north-point and measurements to all relevant objects from fixed points.
- (C) Artistic shading.
- (D) The names of all suspects.

8. "Pen skip" is a characteristic often found in:

- (A) Fountain pens
- (B) Ballpoint pens

- (C) Felt-tip pens
 - (D) Pencils
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9. The "Velocity of Light" in vacuum is approximately:

- (A) 3×10^5 m/s
 - (B) 3×10^8 m/s
 - (C) 3×10^{10} m/s
 - (D) 3×10^6 m/s
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10. Which of the following is a "Physical Change"?

- (A) Burning of wood
 - (B) Rusting of iron
 - (C) Melting of ice
 - (D) Digestion of food
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11. "Dermal papillae" are located:

- (A) On the surface of the skin.
 - (B) Between the epidermis and the dermis (determining the ridge pattern).
 - (C) Only on the palms.
 - (D) Inside the sweat glands.
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12. "Lattes Crust Method" for ABO grouping is performed on:

- (A) Fresh liquid blood
 - (B) Dried blood crusts
 - (C) Semen stains
 - (D) Bone marrow
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13. The "pH" of a 0.01 M HCl solution is:

- (A) 1
- (B) 2
- (C) 7

(D) 12
