

CUET 2026 May 12 Shift 2 Chemistry

Question Paper (Memory-Based) PDF

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. Which of the following compounds shows geometrical isomerism?

- (A) But-1-ene
- (B) But-2-ene
- (C) Propene
- (D) Ethene

2. The IUPAC name of $(CH_3 - CH_2 - CHO)$ is:

- (A) Propanone
- (B) Propanal
- (C) Propanoic acid
- (D) Ethanol

3. The oxidation state of chromium in $(K_2Cr_2O_7)$ is:

- (A) +4
- (B) +5

(C) +6

(D) +7

4. Which of the following is a strong electrolyte?

(A) Glucose solution

(B) Urea solution

(C) Acetic acid

(D) Sodium chloride solution

5. The hybridization of carbon in ethyne (C_2H_2) is:

(A) sp^3

(B) sp^2

(C) sp

(D) dsp^2

6. Which gas is evolved when zinc reacts with dilute hydrochloric acid?

(A) Oxygen

(B) Chlorine

(C) Hydrogen

(D) Nitrogen

7. Identify the correct order of acidic strength:

(A) $CH_3COOH > C_2H_5OH > H_2O$

(B) $H_2O > CH_3COOH > C_2H_5OH$

(C) $CH_3COOH > H_2O > C_2H_5OH$

(D) $C_2H_5OH > H_2O > CH_3COOH$

8. Which quantum number determines the shape of an orbital?

- (A) Principal quantum number
 - (B) Azimuthal quantum number
 - (C) Magnetic quantum number
 - (D) Spin quantum number
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9. Which of the following polymers is formed by addition polymerization?

- (A) Nylon-6,6
 - (B) Bakelite
 - (C) Terylene
 - (D) Polyethene
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10. The reagent used in the conversion of alcohol into aldehyde is:

- (A) $LiAlH_4$
 - (B) PCC
 - (C) $NaBH_4$
 - (D) Grignard reagent
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