

BCECE 2026 May 30 (Chemistry)

Question Paper (Memory-Based) PDF

Conducted by Bihar Combined Entrance Competitive Examination Board (BCECEB)



General Instructions

- (i) The question paper will consist of 100 Multiple Choice Questions (MCQs).
- (ii) The duration of the Agriculture examination will be 1 hour 30 minutes (90 minutes).
- (iii) The examination will be conducted in offline (pen-and-paper/OMR-based) mode.
- (iv) For every correct answer, 4 marks will be awarded and for every incorrect answer, 1 mark will be deducted as negative marking.

1. Biuret test is not positive for:

- (A) Protein
 - (B) Alanine
 - (C) Peptides
 - (D) Polypeptides
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2. This sulphide is not black:

- (A) PbS
 - (B) NiS
 - (C) MnS
 - (D) CoS
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3. The colour of $\text{Mg}(\text{NH}_4)\text{PO}_4 \cdot 6\text{H}_2\text{O}$ is:

- (A) White
 - (B) Green
 - (C) Black
 - (D) Yellow
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4. Heating $\text{Ba}(\text{NO}_3)_2$ produces:

- (A) N_2
 - (B) $\text{BaO} + \text{NO}_2 + \text{O}_2$
 - (C) N_2O
 - (D) NO_2
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5. The pyrimidine bases present in DNA are:

- (A) Cytosine and Uracil
 - (B) Cytosine and Thymine
 - (C) Cytosine and Guanine
 - (D) Cytosine and Adenine
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6. Tomato is a natural source of ___ acid.

- (A) Acetic acid
 - (B) Citric acid
 - (C) Tartaric acid
 - (D) Oxalic acid
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7. Which product will be formed during Etard's reaction?

- (A) Benzoic acid
 - (B) Benzyl alcohol
 - (C) Benzaldehyde
 - (D) Benzene
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8. Angular shape of ozone molecule consist of:

- (A) 1 sigma and 2 pi-bonds
 - (B) 2 sigma and 2 pi-bonds
 - (C) 1 sigma and 1 pi-bonds
 - (D) 2 sigma and 1 pi-bonds
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9. The number of atoms in 0.1 mole of a triatomic gas will be ($N_A = 6.02 \times 10^{23}$):

- (A) 1.800×10^{22}
 - (B) 6.026×10^{23}
 - (C) 1.806×10^{23}
 - (D) 3.600×10^{23}
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10. Which of the following compounds contains the -COOH (carboxylic) group?

- (A) Acetic acid
 - (B) Ethanol
 - (C) Diethyl ether
 - (D) Formaldehyde
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