

BIO-CHEMISTRY AND CHEMISTRY IN ACTION

Std. XII
CHEMISTRY

Time : 1 1/2 Hr
Max. Marks: 75

PART - I

Choose the best answer

(10 × 1 = 10)

1. Poly peptides on hydrolysis give
 - a Amine
 - b Amino acids
 - c Ammonia
 - d Acids.
2. Oxidation of gluconic acid with nitric acid gives
 - a Saccharic acid
 - b CO₂ and water
 - c Acetic acid and Formic acid
 - d Glutaric acid
3. Which is not true of amino acid?
 - a amino acid forms zwitter ion
 - b has Isoelectric point
 - c dual behaviour
 - d amino acid is insoluble in NaOH.
4. Zwitter ion has
 - a Amino group
 - b carboxylic group
 - c keto group
 - d Both amino and carboxylic acid groups in ionic forms
5. The amino acid without chiral carbon is
 - a Glycine
 - b Alanine
 - c Proline
 - d Thyrasine
6. Identify the reducing sugar.
 - a Sucrose
 - b Glucose
 - c Fructose
 - d Cellulose
7. Proteins are not sensitive to
 - a acids
 - b bases
 - c temperature
 - d water.
8. Important constituent of cell wall is
 - a Lipid
 - b Cellulose
 - c Protein
 - d Vitamins
9. Glucose and fructose combined in sucrose as
 - a C₁ - C₂
 - b C₁ - C₃
 - c C₁ - C₄
 - d C₁ - C₆

