

B. Pharm. CBCS Pattern Semester-II
BP 203T - Biochemistry-I

P. Pages : 2

Time : Three Hours



GUG/W/23/10880

Max. Marks : 75

Notes : 1. All questions are compulsory.

1. Multiple Choice Questions

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- 1) HMP Shunt Pathway also known as -----
 - a) EMP Pathway
 - b) HIT reaction
 - c) Pentose Phosphate pathway
 - d) Citric acid Pathway
- 2) Essential Amino acid -----
 - a) Proline
 - b) Alanine
 - c) Lyine
 - d) Arginine
- 3) One of the following sulfur Containign Amino Acid,
 - a) Valine
 - b) Isoleucine
 - c) Glutamine
 - d) Cytein
- 4) If $\Delta G > 0$ then -----
 - a) Exergonic reaction
 - b) Endergonic reaction
 - c) Both
 - d) None
- 5) Starch is a -----
 - a) Monosaccharide
 - b) Disaccharide
 - c) Polysaccharide
 - d) All of the above
- 6) Osazone are not carried out in -----
 - a) Glucose
 - b) Fructose
 - c) Sucrose
 - d) Lactose
- 7) Citrate converted to isocitrate by -----
 - a) Aconite
 - b) Isocitrate dehydrogenase
 - c) Fumarate
 - d) None
- 8) No. of molecule of ATP produced in aerobic glycolysis.
 - a) 8
 - b) 10
 - c) 12
 - d) 16
- 9) Synthesis of Glycogen from Glucose is known as -----
 - a) Glycolysis
 - b) Glycogenesis
 - c) Gluconeogenesis
 - d) None
- 10) ATP synthase activity is associated with the mitochondrial enzyme complex.
 - a) V
 - b) III
 - c) IV
 - d) I
- 11) Biomolecule consist of ----- dry body weight.
 - a) 90%
 - b) 50%
 - c) 20%
 - d) 75%
- 12) Building blocks of nucleic acid are -----
 - a) Nucleotides
 - b) Nucleoside
 - c) Amino acids
 - d) Histones

