

City College

B.Sc. Semester III Internal Assessment (On-line) under C.U. 2020-21

CHEMISTRY HONOURS

SEC-A (II)

(Analytical Clinical Biochemistry)

Full Marks-10

Answer the following:

1. Amino acid containing sulphur atom in its side chain is
a) Alanine b) Aspartic acid c) Methionine d) Leucine
2. Which of the following is an example of a structural protein?
a) Haemoglobin b) Collagen c) Casein d) Insulin
3. Fatty acid is a component of
a) Carbohydrate b) Lipid c) Protein d) Nucleic Acid
4. Cholesterol is a precursor of
a) Vitamin C b) Vitamin D c) Vitamin A d) Vitamin K
5. The nitrogenous base present in DNA but not in RNA is
a) Adenine b) Thymine c) Guanine d) Cytosine
6. Under anaerobic condition during glycolysis the number of ATP produced per glucose molecule is
a) 4 b) 6 c) 2 d) 8
7. Which of the following play a catalytic role in TCA cycle?
a) Citrate b) Oxaloacetate c) Acetyl CoA d) Fumerate
8. In DNA, the number of hydrogen bonds present between Adenine and Thymine are
a) 3 b) 2 c) 4 d) 6
9. Enzyme catalysing the synthetic reaction belongs to the group
a) Lyases b) Ligases c) Hydrolase d) Isomerase

10. An anticoagulating agent of blood is

a) Oxytocin b) Heparin c) Lecithin d) Vitamin K