

**GURUDAS COLLEGE**  
**DEPARTMENT OF BIOCHEMISTRY**  
**INTERNAL ASSESSMENT-2020**  
Semester-I Hons.  
PAPER- CC1 (SET- C)

**Total Marks-10**

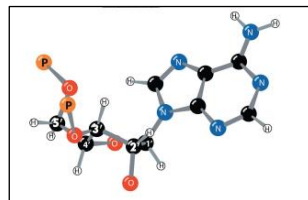
1. Glucose and galactose are two isomeric monosaccharides known as
  - (a) anomers
  - (b) epimers
  - (c) enantiomers
  - (d) conformers
  
2. The Chitin in fungal cell wall is
  - (a) a protein
  - (b) a glycoprotein
  - (c) a polysaccharide
  - (d) a lipopolysaccharide
  
3. Maltose contains two D-glucose residues joined by a glycosidic linkage between
  - (a) C-2 of one glucose residue and C-4 of other
  - (b) C-1 of one glucose residue and C-2 of other
  - (c) C-2 of one glucose residue and C-5 of other
  - (d) C-1 of one glucose residue and C-4 of other
  
4. What are the following is not a factor responsible for the denaturation of proteins?
  - (a) pH change
  - (b) Organic solvents
  - (c) Heat
  - (d) Charge
  
5. Which of the following statements is true about proteins?
  - (a) Proteins are made up of amino acids.
  - (b) Proteins are essential for the development of skin, teeth, and bones.
  - (c) Protein is the only nutrient that can build, repair, and maintain body tissues.
  - (d) All of the above

6. Which of the following is not the classified form of conjugated proteins?
- (a) Lipoproteins
  - (b) Glycoproteins
  - (c) Metalloproteins
  - (d) Complete proteins

7. Arrangement of nucleotides in DNA can be seen by
- (a) Ultracentrifuge
  - (b) X-Ray crystallography
  - (c) Light microscope
  - (d) Electron microscope

8. The monomeric unit of nucleic acid are called \_\_\_\_\_
- (a) Nucleotides
  - (b) Nucleosides
  - (c) Pyrimidines
  - (d) Purines

9. The following base attached to the ribose is



- (a) adenine
  - (b) adenosine
  - (c) guanine
  - (d) guanosine
  - (e) none of the above
10. Which of the following statements is true?
- (a) Sugar component of a nucleotide is ribose
  - (b) Sugar component of a nucleotide is deoxyribose
  - (c) The bases in nucleotides are attached to a pentose sugar moiety by a glycosidic linkage
  - (d) The sugar molecule of the nucleotide is in L-configuration