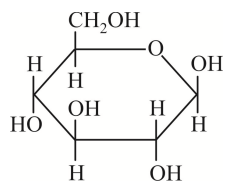


Date Planned : __ / __ / __	Daily Tutorial Sheet-8	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-2	Exact Duration : _____

96. Which of the following is not a reducing sugar?
(A) Glucose **(B)** Sucrose **(C)** Mannose **(D)** Fructose
97. Isoelectric point is related to:
(A) Semiconductors **(B)** Electrolytes
(C) Amino acids **(D)** Conductors
98. Peptide bond is:
(A) $-\text{CH}-\text{NH}-$ **(B)** $\text{NH}_2-\text{CO}-\text{NH}-\text{R}$
(C) $\text{R}-\text{CO}-\text{NH}-\text{R}$ **(D)** $-\text{CONH}_2$
99. A sucrose molecule on digestion yields:
(A) One molecule of glucose and one of maltose
(B) One molecule of lactose and one of glucose
(C) One molecule of fructose and one of glucose
(D) Two molecules of glucose only
100. The simplest amino acid is:
(A) Glycine **(B)** Alanine **(C)** Guanine **(D)** All of the above
101. Ring structure of glucose is due to formation of hemiacetal and ring formation between:
(A) C_1 and C_5 **(B)** C_1 and C_4 **(C)** C_1 and C_3 **(D)** C_2 and C_4
102. The given cyclic structure is:
(A) Fischer projection formula of α -D-glucose
(B) Fisher projection formula of β -D-glucose
(C) Haworth projection formula of α -D-glucose
(D) Haworth projection formula of β -D-glucose
- 
103. The pair of compounds in which both the compounds give positive test with Tollen's reagent is:
(A) Glucose and Sucrose **(B)** Fructose and Sucrose
(C) Acetophenone and Hexanal **(D)** Glucose and Fructose
104. Which one of the following statements about starch is correct?
(A) It occurs in the cell walls of plants
(B) It is a disaccharide
(C) It gives a dark blue colour with iodine solution
(D) It gives a red orange precipitate on boiling with Fehling's solution
105. An example of Zwitter ion is:
(A) Alanine **(B)** Glycine hydrochloride
(C) Urea **(D)** Ammonium acetate