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1. Formula of glucose is

- A.**  $C_5H_{12}O_6$
- B.**  $C_6H_{12}O_{16}$
- C.**  $C_6H_{12}O_7$
- D.**  $C_6H_{12}O_6$

2. A carbohydrate which can not be hydrolysed to a simpler compound is:

- A.** Monosaccharide
- B.** Polysaccharide
- C.** Disaccharide
- D.** Trisaccharide

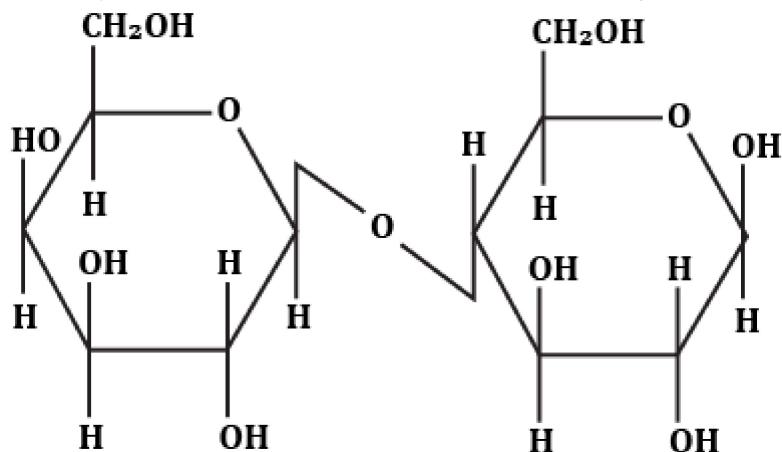
3. Which carbohydrate does not have  $[C_x(H_2O)_y]$  general formula?

- A.** Glucose
- B.** Fructose
- C.** Rhamnose
- D.** None of the above

4. Which of the following is incorrect regarding maltose?

- A.** It consists of two glucopyranose units
- B.** It is a non-reducing sugar
- C.** Glycosidic bond between C1 of one unit and C4 of the other unit
- D.** It is a disaccharide

5. Identify the saccharide from the Haworth projection shown below



- A. Lactose
- B. Maltose
- C. Sucrose
- D. Glucose