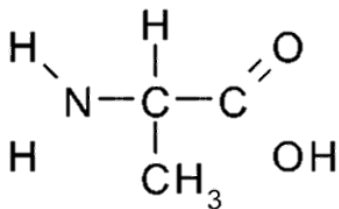


(MBC01-0005E)

- Which of the following is not a characteristic of water?
  - A) Water has a high specific heat.
  - B) Water has high heat of vaporization
  - C) Water exhibits strong cohesion tension
  - D) Water is less dense than ice.

(MBC01-0006H)

- This amino acid is



- A) Serine
- B) Alanine
- C) Glycine
- D) Arginine

(MBC01-0008E)

- Glycosidic link is broken in digestion of
  - A) Starch
  - B) Protein
  - C) Lipid
  - D) All of these

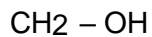
(MBC01-0009E)

- Carbohydrate, protein and lipids, etc. are included along with biomolecules, because:
  - A) These are organic compounds.
  - B) They can be synthesized in laboratory
  - C) These are carbon compounds which are found in living tissues.
  - D) These are calorific substances



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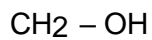
(MBC01-0010H)



|

- CH – OH is the structure of which of the following

|



- A) Glyceraldehde
- B) Glycerol
- C) Glyceric acid
- D) Triglycerides

(MBC01-0012M)

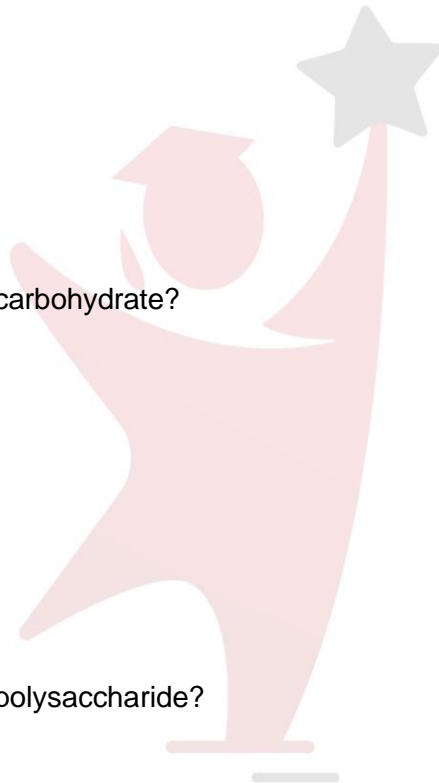
- Which of the following is not a carbohydrate?
  - A) Glucose
  - B) Lactose
  - C) Insulin
  - D) Starch

(MBC01-0013M)

- Which of the following is not a polysaccharide?
  - A) Cellulose
  - B) Glycogen
  - C) Chitin
  - D) Glycerol

(MBC01-0014M)

- A polysaccharide found in plants whose function is storage is
  - A) Starch
  - B) Glycogen
  - C) Chitin
  - D) Glucagon



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(MBC01-0015H)

- Where are hydrogen bonds important for life?
  - A) In ionic substance
  - B) Between water molecules
  - C) Between hydrogen atoms
  - D) All of the above

(MBC01-PMC-0051)

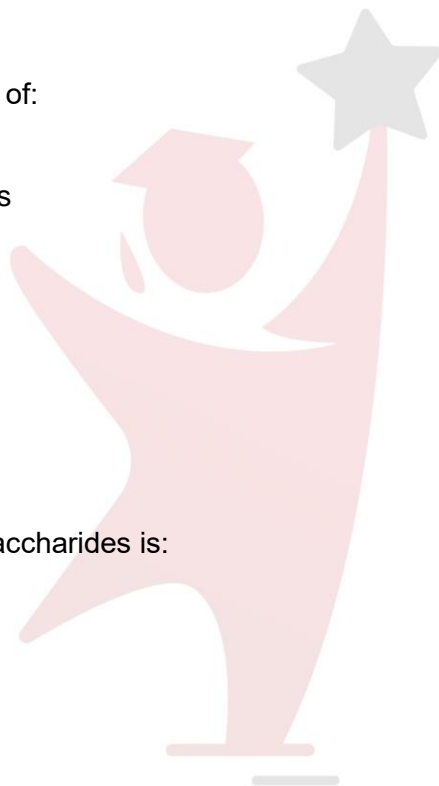
- Cellulose of wood, an example of:
  - A) Carbohydrates
  - B) Proteins cotton and paper is
  - C) Nucleic acids
  - D) Lipids

(MBC01-PMC-0053)

- The general formula of monosaccharides is:
  - A)  $(CH_2O)_n$
  - B)  $C_n(H_2O)_y$
  - C)  $C_n(H_2O)_n$
  - D)  $C_3(H_2O)_n$

(MBC01-PMC-0054)

- Most of the monosaccharides form a when in solution.
  - A) Straight chain
  - B) Ring structure
  - C) Branched chain
  - D) Folded structure



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(MBC01-PMC-0055)

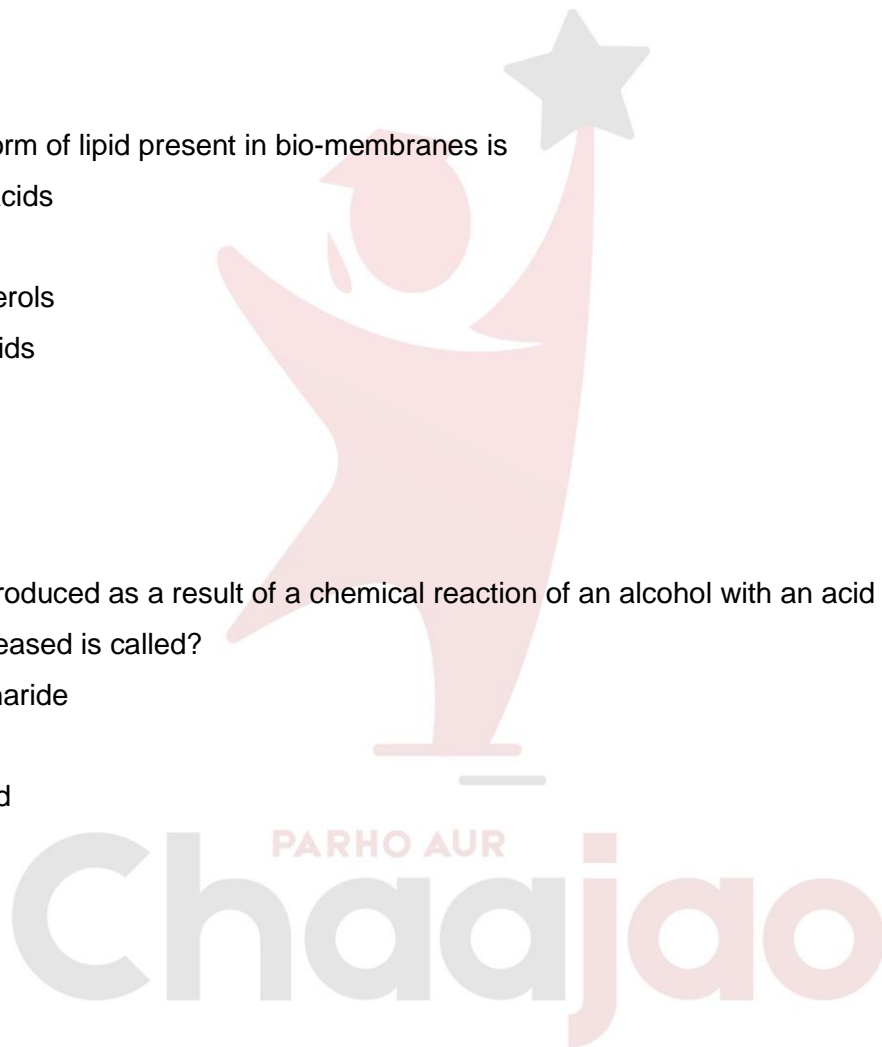
- Carbon number \_\_\_\_\_ of glucose and \_\_\_\_\_ of fructose respectively make a glycosidic bond to give rise to a sucrose.  
A) 4, 4  
B) 1, 4  
C) 1, 2  
D) 2, 1

(MBC01-0020M)

- Predominant form of lipid present in bio-membranes is  
A) Free fatty acids  
B) Cholesterol  
C) Triacylglycerols  
D) Phospholipids

(MBP20-0064)

- A compound produced as a result of a chemical reaction of an alcohol with an acid in which water molecule is released is called?  
A) Monosaccharide  
B) Fatty acid  
C) Nucleic acid  
D) Wax



| Answer Key |   |
|------------|---|
| 1          | D |
| 2          | B |
| 3          | A |
| 4          | C |
| 5          | B |
| 6          | C |
| 7          | D |
| 8          | A |
| 9          | B |
| 10         | A |
| 11         | A |
| 12         | B |
| 13         | C |
| 14         | D |
| 15         | D |

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