**(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?

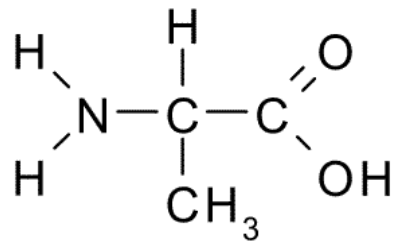
A) Monosaccharide
B) Fatty acid
C) Nucleic acid
D) Wax

**(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 calorigenic substances

**(MBC01-0010H)**

$CH_2$ – OH
|

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

$CH_2$ – OH

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

**(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) (CH2O)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

**(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

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