

Q 1/ Define the following:

1-Monosaccharides

2-Peptide bond

3- polysaccharides

4- lipids

5- Steroids

6- Fatty acids

Q2/ Answer the following:

A- What are the main differences between Fats and oils?

B- What are the main functions of lipids in a living organism?

C- What are the main functions of protein in living organisms?

Q 3/ / Draw the structure of the following fatty acids and state their names:

A- 16:0 B- 18:3:9,12,15

Q 4/

What are the main differences between glycogen and cellulose?

Q5/Classify proteins based on the chemical structures.

Q6/What is the RDA of vitamin B6 for men and women?

Q7/What is starch? Describe its chemical structure.

Q8/ What are the main chemical components of olive oils?

Q9 /What are the main functions of cholesterol in the human body?

Q10/ What are vitamins? Classify them based on polarity.