



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



## WORKSHEET – 14

Class: IX

Sub: Life Science

Date: 06.03.2021

Topic: Ch 2(part 1) Biomolecules I

F.M. : 15

**Choose the correct option:**

**(1x15=15)**

1. The complexes found in living organisms which are essential for life are called .....  
Molecules.  
a) Essential b) Organic c) Biomolecules d) Both (b) and (c)
2. All organic molecules consist of common elements  
a) Silicon b) Phosphorus c) Carbon d) Copper
3. The following is the chief function of organic molecules:  
a) formation of cellular molecules b) forming internal structure c) storing hereditary information  
d) all of these
4. About ..... percent of water is present in cytoplasm.  
a) 60-80 b) 40-50 c) 75-90 d) none of these
5. Minerals constitute about ..... percent  
a) 5-7 b) 1-3 c) 10-15 d) 15-20
6. Which of these is not a macronutrient:  
a) Calcium b) Molybdenum c) Sulphur d) Phosphorus
7. The gases which are found dissolved in the cell cytoplasm:  
a) oxygen b) carbon dioxide c) ammonia d) all of these
8. Which of the following is not an example of micromolecules:  
a) Simple sugar b) protein c) amino acids d) nucleotides
9. The following element is not present in amino acids:  
a) carbon b) sulphur c) oxygen d) phosphorus
10. The following element is the most important constituent of nucleotide :  
a) phosphorus b) nitrogen c) sulphur d) iron
11. The five carbon sugar present in DNA is called:  
a) ribose b) erythrose c) deoxyribose d) all of these
12. The following is not an example of essential amino acid:  
a) Histidine b) Lysine c) methionine d) Serine
13. Which of these is an example of macromolecules:  
a) Protein b) amino acid c) fatty acids d) all of these
14. The amino acids which are not synthesized in our body and are taken in the diet are called ..... amino acids.  
a) non essential b) diet c) essential d) none of these
15. The following is an example of polysaccharide:  
a) sucrose b) glucose c) starch d) fructose

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