



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

## SOLUTIONS – 16

Class: IX

Sub: Life Science

Date: 08.03.2021



Topic: Ch 2 (part 2) Biomolecules II - Proteins ,Lipids and Nucleic acids

F.M. : 15

Choose the correct option:

(1x15=15)

- Homopolysaccharides contain ..... type of carbohydrates.  
a) **One** b) two c) three d) Both (b) and (c)
- Monosaccharides are joined together by ..... bonds.  
a) peptide b) **glycosidic** c) phosphodiester d) none of these
- ..... are proteins that send signals and coordinate activities throughout the body  
a) enzymes b) antibodies c) **hormones** d) all of these
- ..... are proteins which lower the activation energy of a physiological reaction  
a) hormones b) **enzymes** c) antibodies d) none of these
- ..... help in transporting things in and out of cells  
a) Carbohydrates b) nucleic acids c) **proteins** d) all of these
- Which of these is not found in DNA?  
a) Adenine b) Guanine c) **Uracil** d) Thymine
- .....type of RNA helps in the transport of amino acid during protein synthesis.  
a) **t RNA** b) m RNA c) r RNA d) all of these
- Antibodies are also known as:  
a) **immunoglobulins** b) amino acids c) zymogens d) nucleotides
- Fatty acids with ..... double bonds are called saturated fats.  
a) **no** b) two c) one d) one or two
- ..... act as insulator and does not allow the body heat to escape.  
a) protein b) nucleic acids c) **fats** d) vitamins
- The following is the chief function of fats:  
a) act as chemical messenger b) insulating layer c) provide energy d) **all of these**
- The following is not a chemical constituent of fats:  
a) carbon b) **phosphorus** c) hydrogen d) oxygen
- The carbohydrate molecule of the nucleotide is the ..... sugar.  
a) **Pentose** b) hexose c) tetrose d) triose
- The genetic material viruses can be:  
a) RNA b) DNA c) Protein d) **DNA or RNA**
- RNA is found in .....  
a) nucleus b) cytoplasm c) cell membrane d) **Both (b) and (a)**

Shaista Ahmed

