ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 2 (solutions)

Sub: LIFE SCIENCES Class: IX F. M.: 1X15

Topic: Biomolecules- Fats, Nucleic acids Vitamins and Minerals Date: 08.04.2020

MCQs (1x15=15)

1. A glycerol and three molecules fatty acids make a molecule of:
   a) Vitamin b) Carbohydrate c) Protein d) Lipid
   Answer : Lipid (d)
2. Saturated fats have:
   a) No double bonds b) one double each c) one triple bond each d) Both (b) and (c)
   Answer : No double bonds (a)
3. Role of lipids in our bodies:
   a) Chemical messengers b) Storage c) Provides energy d) All of these
   Answer : All of these (d)
4. The following is not a type of RNA :
   a) tRNA b) rRNA c) j RNA d) mRNA
   Answer : j RNA (c)
5. The five carbon sugar present in RNA is :
   a) Ribose b) Erythrulose c) Deoxyribose d) glyceraldehydes
   Answer :Ribose (a)
6. The blue print of genetic information:
   a) RNA b) DNA c) Both (a) and (b) d) SNA
   Answer : Both (a) and (b) (c)
7. Which nitrogenous base is present in RNA only:
   a) Uracil b) Guanine c) Adenosine d) Thymine
   Answer : Uracil (a)
8. RNA is found in:
   a) Nucleus b) Cytoplasm c) Mitochondria d) All of these
   Answer : All of these (d)
9. Fat soluble vitamin is :
   a) B6 b) D c) B12 d) C
   Answer : D (b)
10. B Complex vitamins consists of:
    a) B6 b) B12 c) Niacin d) All of these

Answer :All of these (d)

11. The following is not a trace mineral:
    a) Cr b) Cu c) I d) Ca
    Answer : Ca (d)
12. The following vitamins need to dissolve in water first to get absorbed in body:
    a) B b) C c) Both (a) and (b) d) K
    Answer : Both (a) and (b) (c)
13. The fundamental units of Nucleic acids are:
    a) Nitrogen base b) Nucleotide c) Nucleoside d) nucleosome
    Answer : Nucleotides (b)
14. A nucleoside consists of :

    a)Nitrogenous base and pentose sugar b) Nitrogenous base and phosphoric acid c) Phosphoric acid and nitrogen d) none of these

    Answer : Nitrogenous base and pentose sugar (a)

15. The correct base pairing in DNA is:
    a) A-T b) G-C c) A-U d) Both (a) and (b)
    Answer : Both (a) and (b) (d)

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