

Assessment

Multiple Choice. Read and analyze the given statements below. Write the chosen letter on a separate sheet of paper.

1. Which biomolecular group carries and passes on the hereditary information of the organism?
    a. carbohydrates
    b. lipids
    c. nucleic acids
    d. proteins

2. Which biomolecules are significant features of the cell membrane?
    a. carbohydrate and nucleic acid
    b. lipid and nucleic acid
    c. nucleic acid and protein
    d. protein and lipid

3. Atom is the basic unit of a chemical element. What are the atoms that make up carbohydrates?
    a. C and H
    b. C, H and N
    c. C, H and O
    d. C, H, O and N

4. Which organic molecule gives fast source of energy?
    a. carbohydrates
    b. lipids
    c. nucleic acids
    d. proteins

5. Which nutrient group is used in the composition of waxes and responsible for insulation of some organisms?
    a. carbohydrates
    b. lipids
    c. nucleic acids
    d. proteins

6. Which of the following does NOT belong to the classification of lipids?
    a. hemoglobin
    b. phospholipids
    c. steroid
    d. triglyceride

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7. Which of the following is considered as the building blocks of protein?
    a. amino acids
    b. nucleic acids
    c. nucleotides
    d. polypeptides

8. The excessive consumption of carbohydrates is converted into which polysaccharide that is stored in the liver and in muscles?
    a. creatinine
    b. glycogen
    c. hemoglobin
    d. uric acid

9. Which of the following is a monosaccharide which is used in dextrose?
    a. fructose
    b. galactose
    c. glucose
    d. lactose

10. Which is a good example of saturated fat?
    a. butter
    b. corn oil
    c. olive oil
    d. sunflower oil

11. Which is termed as the blueprint of life?
    a. deoxyribonucleic acid
    b. fatty acid
    c. nucleic acid
    d. ribonucleic acid

12. Proteins are composed of four elements, namely: carbon, hydrogen, oxygen and what other element?
    a. magnesium
    b. nitrogen
    c. phosphorous
    d. sulfur

13. This is a major insoluble fibrous protein found in connective tissues such as tendons, ligaments, skin, cartilage, and the cornea of the eye. What is it?
    a. albumin
    b. collagen
    c. keratin
    d. pepsin

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14. Which polypeptide stores oxygen in muscles?
    a. enzyme
    b. heme
    c. lipase
    d. myoglobin

15. Which is not a part of a nucleotide?
    a. nitrogenous base
    b. phosphate group
    c. ribonucleic acid
    d. sugar

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