



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

7. Which of the following is considered as the building blocks of protein?
- amino acids
 - nucleic acids
 - nucleotides
 - polypeptides
8. The excessive consumption of carbohydrates is converted into which polysaccharide that is stored in the liver and in muscles?
- creatinine
 - glycogen
 - hemoglobin
 - uric acid
9. Which of the following is a monosaccharide which is used in dextrose?
- fructose
 - galactose
 - glucose
 - lactose
10. Which is a good example of saturated fat?
- butter
 - corn oil
 - olive oil
 - sunflower oil
11. Which is termed as the blueprint of life?
- deoxyribonucleic acid
 - fatty acid
 - nucleic acid
 - ribonucleic acid
12. Proteins are composed of four elements, namely: carbon, hydrogen, oxygen and what other element?
- magnesium
 - nitrogen
 - phosphorous
 - 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?
- albumin
 - collagen
 - keratin
 - pepsin

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