

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?
 - 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

- 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

