

Name _____ Date _____ Period _____

Biology Department Warm-up
First 9 Weeks 1-2.3

Instructions - Answer each multiple-choice question. Below each answer, write a sentence that justifies your answer by explaining why you selected it.

1. Fats, oils, and waxes represent which type of biomolecule?
 - a. Nucleic acids
 - b. Carbohydrates
 - c. Lipids
 - d. Proteins

Justification -

2. Nucleic acids include DNA and RNA, which carry genetic information and are involved in gene expression. What are the subunits of these biomolecules?
 - a. sugars
 - b. lipids
 - c. amino acids
 - d. nucleotides

Justification -

3. Certain processes in the human body must be sped up in order to occur fast enough to sustain life. Why does the speed of these processes depend on proteins?
 - a. Some proteins store energy as muscle tissue.
 - b. Some proteins are enzymes that control the rate of chemical reactions.
 - c. Some proteins support and maintain cell shape.
 - d. Some proteins are important fuels for cellular processes.

Justification -