

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Biology Department Warm-up  
First 9 weeks 1-4.2

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

1. The organelle that contains large amounts of DNA and controls all activities and functions of the cell is the-
- a. nucleus
  - b. cell membrane
  - c. ribosome
  - d. mitochondria

Justification -

2. Transformation of sunlight into chemical energy is a result of photosynthesis. Which structure of a eukaryotic cell provides food for plants?
- a. vacuole
  - b. chloroplast
  - c. lysosome
  - d. golgi apparatus

Justification -

3. The body can only work properly within tolerable limits. Which of the following is responsible for maintaining a stable, internal environment?
- a. mitochondria
  - b. vacuole
  - c. rough endoplasmic reticulum
  - d. cell membrane

Justification -