



**Final Exam
Mathayom 1**

DIRECTION: Click the letter of the correct answer.

PART I: MULTIPLE CHOICE

1. It is the movement of water through a semipermeable membrane to a higher concentration of solutes.

- a. Diffusion
- b. Osmosis
- c. Hypotonic
- d. Isotonic

2. What happens to a red blood cell when it is placed in a hypertonic salt solution?

- a. The cell immediately bursts.
- b. Water will move out from the cell and the cell becomes smaller.
- c. Water enters the cell and the cell becomes bigger.
- d. The cell loses its color and becomes completely transparent.

3. _____ organisms are made up of two or more cells such as hydra, earthworm and grass.

- a. Osmosis
- b. Diffusion
- c. Multicellular
- d. Unicellular

4. _____ is the movement of molecules from a high concentration region to a low concentration region.

- a. Diffusion
- b. Osmosis
- c. Respiration
- d. Transpiration

5. Why do organisms must adapt to their environment?

- a. To reproduce
 - b. To grow
 - c. To respond
 - d. To survive
6. How are animal cells different from plant cells?
- a. Plant cells have chloroplast but animals do not.
 - b. Animal cells have chloroplast but plant cells do not.
 - c. Animal cells have large vacuole but plant cells have small vacuole.
 - d. Plant cells have cell wall but plant cells do not.
7. It controls all the activities of the cell.
- a. Cell membrane
 - b. Nucleus
 - c. Mitochondrion
 - d. Cell wall
8. The following are parts of a microscope. EXCEPT:
- a. Stage
 - b. Eye piece
 - c. Coarse focus knob
 - d. Glass slide
9. Which of the following organization of cells in multicellular organisms is in correct order?
- a. Cell-Tissue-Organ-System-Organism
 - b. Tissue-Organ-Cell-System-Organism
 - c. Organism-Cell-Tissue-System-Organ
 - d. Organ-System-Cell-Organism-Tissue
10. _____ are the most basic unit of organisms which can function on their own.
- a. Atoms
 - b. Cells
 - c. Multicellular
 - d. Unicellular