



## 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