

# Passive Cellular Transport Bell work

I. **ENUMERATION.** Enumerate based on the given description. Write your answers on the space provided.

a. 3 types of Passive Cellular Transport

\_\_\_\_\_

b. 3 types of solution based on the water content

\_\_\_\_\_

II. **MULTIPLE CHOICES.** Select the best answer. Write the letter of your choice on the space provided.

\_\_\_\_\_ 1. An animal cell was placed in a water solution and was observed to have shrunk and shriveled. What can be inferred about the solution?

- A. The solution is isotonic.
- B. The solution is hypotonic.
- C. The solution has less water than the cell.
- D. The solution has more water than the cell.

\_\_\_\_\_ 2. The following statements about diffusion are true, EXCEPT

- A. It is the movement of particles across a concentration gradient.
- B. It occurs because the amount of a substance inside the cell is not equal to the amount outside.
- C. It is responsible for the transport of hydrophobic molecules.
- D. It occurs due to the fact that particles are constantly at rest.

\_\_\_\_\_ 3. Which of the following is responsible for allowing large particles to enter the cell?

- A. Protein
- B. Enzymes
- C. Vesicles
- D. Phospholipids

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## ANSWERS

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a. 3 types of Passive Cellular Transport

Diffusion

Osmosis

Facilitated Diffusion

b. 3 types of solution based on the water content

Hypertonic

Hypotonic

Isotonic

II. **MULTIPLE CHOICES.** Select the best answer. Write the letter of your choice on the space provided.

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- A. Phospholipids