Biology- Cells & Enzymes

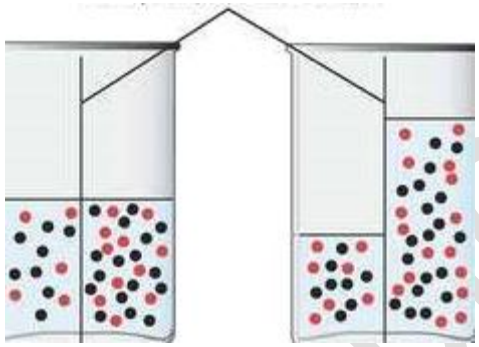
10 Quick revision questions and answers

1. What is the main difference between diffusion and osmosis?

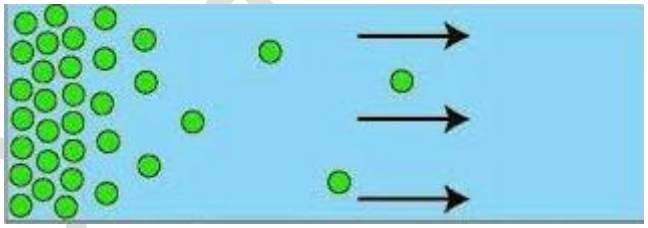
Answer: diffusion is the movement of solutes (sugar, salts, etc) and gases while osmosis is the movement of water through a selectively permeable membrane.

2. Which experiment best demonstrates osmosis?

A



B

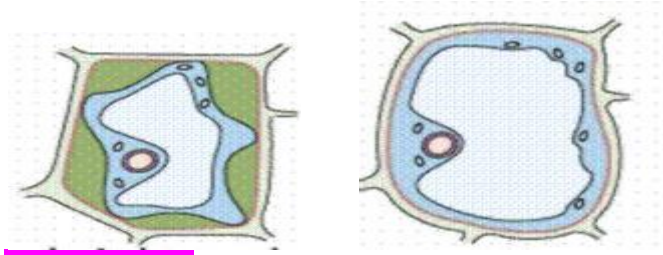


Answer: A, I want you to find out why.

Biology School

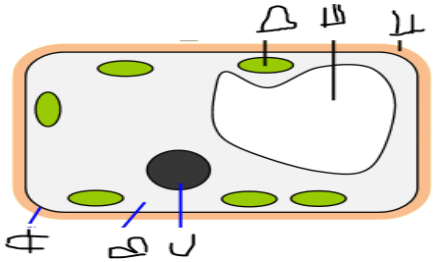
3. If I put a plant cell in salt water, how will it look like?

A B



Answer: A, I want you to find out why.

4. Label the parts of a plant cell



Answer: A cell membrane, B cytoplasm, C nucleus, D Chloroplast, E vacuole, F cell wall.

Biomath school

5. Which part of a plant cell stores salts?

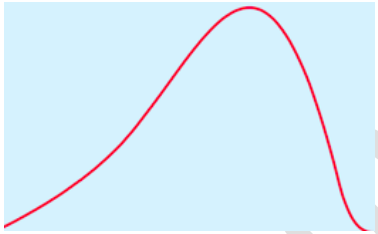
Answer: vacuole

6. What is not true about an enzyme
   A. After speeding a chemical reaction, it changes
   B. Enzymes are used in detergent production

Answer: A, an enzyme does not change

7. Which graph best shows the behavior of enzymes at 37°C?

A B



Answer: A, enzyme activity drops at that temperature, they are denatured.

Biomath School

8. What is meant by PH?

Answer: this is how acidic or alkaline something is, especially of a solution.

9. Which option contains a list known enzymes?

A. Amylase, Lipase, Fatease

B. Amylase,Lipase, Protease

Answer: B

10. What will happen if an amoeba is placed in salt water?

A. Water would move into the amoeba and it would die by bursting.

B. Water would move out of the amoeba and it would shrivel and die

Answer: B

Bicnath School