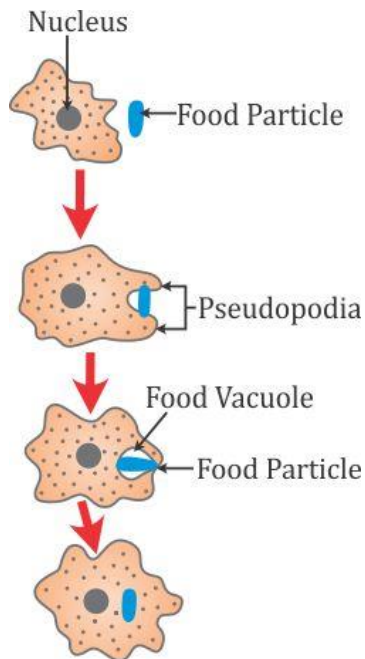




11) Explain the mode of nutrition in Paramecium.

Ans: In Paramecium since it has a definite shape food is taken in at a specific spot. Food is moved to this spot by the movement of cilia which cover the entire surface of the cell.

12) What is the alimentary canal?

Ans: The alimentary canal is a long tube extending from the mouth to anus.

13) What is the function of mucus?

Ans: The mucus protects the inner lining of the stomach from the action of the acid under normal conditions.

14) What will happen if the mucus is not secreted by gastric glands?

Ans: In the absence of mucus, the stomach wall will get eroded by the action of gastric hydrochloric acid which leads to ulcer and acidity.

15) Why do herbivore animals have longer small intestine?

Ans: Herbivores eating grass need longer small intestine to allow the cellulose to be digested. Meat is easier to digest, hence carnivores like tigers have a shorter small intestine.

16) Why is oxygen release a major event during the daytime?

Ans: During the day, carbon dioxide generated during respiration is used up for photosynthesis, hence there is no carbon dioxide release. Instead, oxygen release is a major event at this time.