

Feeding and digestion in Amoeba

1. Fill in the Blanks:

- a. Amoeba captures its food by extending finger-like projections called _____.
- b. The process by which Amoeba engulfs its food is known as _____.
- c. Food is enclosed in a bubble-like structure called a _____ during digestion.
- d. The enzymes released by Amoeba inside the food vacuole help in breaking down the food into simpler substances through _____.
- e. After digestion, the waste materials are eliminated from Amoeba through a process called _____.

2. True or False:

- a. Amoeba is a multicellular organism.
- b. Amoeba captures its food using tentacles.
- c. Phagocytosis is the process by which Amoeba engulfs its food.
- d. Food vacuoles in Amoeba help in the digestion of food.
- e. Amoeba moves by crawling on surfaces.

3. Match the following: -

Column A	Column B
i. Pseudopodia	A. Finger-like projections used for capturing food.
ii. Phagocytosis	B. The process of engulfing and digesting food in Amoeba.
iii. Food Vacuole	C. Structure where digestion takes place inside Amoeba.
iv. Protozoa	D. The group of single-celled organisms to which Amoeba belongs.
v. Heterotrophic	E. The mode of nutrition in Amoeba where it consumes other organisms for food.

