

Chapter – 17 | Locomotion and Movement**QUIZ
PART-01**

1. Which statement correctly explains locomotion?
A. Any movement inside the body
B. Movement that causes change in place
C. Movement only by cilia
D. Movement only in unicellular organisms (B)

Explanation : Locomotion is a type of movement that results in change of place.

2. Which structure helps Amoeba in movement?
A. Cilia
B. Flagella
C. Pseudopodia
D. Tentacles (C)

Explanation : Amoeba moves with the help of pseudopodia.

3. Which cells in human blood show amoeboid movement?
A. Neurons and platelets
B. Macrophages and leucocytes
C. RBCs and plasma cells
D. Muscle cells and bone cells (B)

Explanation : Macrophages and leucocytes show amoeboid movement.

4. Ciliary movement helps in removing dust from which organ?
A. Trachea
B. Stomach
C. Liver
D. Kidney (A)

Explanation : Cilia in the trachea help remove dust and foreign particles.

5. Passage of ova through the female reproductive tract is helped by:
A. Muscular movement only
B. Ciliary movement
C. Amoeboid movement
D. Flagellar movement (B)

Explanation : Ciliary movement helps in the passage of ova.

6. Movement of limbs, jaws and tongue requires:
A. Muscular movement
B. Ciliary movement
C. Amoeboid movement
D. Streaming movement (A)

Explanation : These body parts move due to contraction and relaxation of muscles.

7. Which statement is correct?
A. All movements are locomotions
B. All locomotions are movements
C. Locomotion does not involve movement
D. Movement occurs only in humans (B)

Explanation : Every locomotion is a movement, but every movement is not locomotion.

8. Hydra uses tentacles for:
A. Respiration and digestion
B. Capturing prey and locomotion
C. Blood circulation
D. Formation of bones (B)

Explanation : Hydra uses tentacles for catching prey and also for locomotion.

9. Flagellar movement helps in:
A. Swimming of spermatozoa
B. Movement of jaws
C. Movement of ribs
D. Formation of cartilage (A)

Explanation : Spermatozoa swim with the help of flagella.

10. Which systems must coordinate for locomotion in humans?
A. Muscular, skeletal and neural systems
B. Digestive, respiratory and excretory systems
C. Circulatory, endocrine and digestive systems
D. Skeletal, reproductive and excretory systems (A)

Explanation : Locomotion requires coordinated activity of muscles, skeleton and nerves.