

Chapter - 7 | Structural Organisation in Animals

QUIZ PART-01

1. In unicellular organisms, all biological functions are performed by —
- A. Organ system B. Tissue
- C. Single cell D. Organ (C)

Explanation: In unicellular organisms like Amoeba and Paramecium, one cell performs digestion, respiration, reproduction, etc.

2. The correct hierarchy in multicellular living systems is —
- A. Cell → Tissue → Organ → Organ system
 - B. Tissue → Cell → Organ → Organ system
 - C. Organ → Tissue → Cell → Organ system
 - D. Organ system → Organ → Tissue → Cell (A)

Explanation: Cells form tissues, tissues form organs, and organs form organ systems.

3. **Histology is the study of —**
- A. External body form
 - B. Tissues
 - C. Internal organs only
 - D. Evolution only
- (B)

Explanation: The branch of science that studies tissues is called histology.

4. The word "Tissue" was first used by —
- A. Ernst Mayr
B. Xavier Bichat
C. Oscar Hertwig
D. Marcello Malpighi
- (B)

Explanation: The PPT states that the word tissue was first used by Bichat.

5. Which of the following tissues mainly helps in movement and locomotion?
- A. Epithelial tissue
 - B. Nervous tissue
 - C. Muscular tissue
 - D. Connective tissue
- (C)

Explanation: Muscular tissue is responsible for movement and locomotion.

6. Morphology means the study of —
- A. External appearance and structure of organs
 - B. Chemical composition of blood
 - C. Internal organs only
 - D. Nervous control
- (A)

Explanation : Morphology deals with external body parts or organ structure.

7. Frog belongs to which class?
- A. Reptilia
B. Amphibia
C. Pisces
D. Mammalia
- (B)

Explanation : Frog belongs to class Amphibia under phylum Chordata.

8. The common species of frog found in India is —
- A. *Rana tigrina*
 - B. *Hydra vulgaris*
 - C. *Amoeba proteus*
 - D. *Euglena viridis*
- (A)

Explanation: Rana tigrina is mentioned as a common species of frog found in India.

9. Frog skin is always —
- A. Dry and scaly
 - B. Moist and slimy
 - C. Hard and rough
 - D. Covered with feathers
- (B)

Explanation: Frog skin is covered with mucus, making it smooth, slimy, and moist.

10. The ability of frog to change colour and hide from enemies is called —
- A. Hibernation
B. Aestivation
C. Camouflage
D. Respiration
- (C)

Explanation: Frogs can change colour to hide from enemies; this ability is called camouflage.