

Chapter – 4 | Animal Kingdom

QUIZ PART-06

1. Which is a basic feature of Chordata?

- A. Flame cells
- B. Notochord
- C. Spicules
- D. Radula (B)

Explanation : Chordates show the presence of notochord as a basic characteristic.

2. In chordates, the heart is:

- A. Dorsal
- B. Ventral
- C. Absent
- D. Lateral (B)

Explanation : A ventral heart is one of the important features of chordates.

3. In non-chordates, notochord is:

- A. Present
- B. Absent
- C. Only in larva
- D. Replaced by fins (B)

Explanation : Non-chordates do not have a notochord.

4. Phylum Chordata includes which subphylum?

- A. Tunicata
- B. Cephalochordata
- C. Vertebrata
- D. All of the above (D)

Explanation : Chordata includes Tunicata, Cephalochordata and Vertebrata.

5. Branchiostoma is an example of:

- A. Urochordata
- B. Cephalochordata
- C. Cyclostomata
- D. Osteichthyes (B)

Explanation : Branchiostoma, also called Amphioxus or Lancelet, belongs to Cephalochordata.

6. Cyclostomes have:

- A. Circular mouth and no jaws
- B. Jaws and paired fins
- C. Operculum and scales
- D. Swim bladder (A)

Explanation : Cyclostomes have a circular mouth and lack jaws.

7. Which is an example of Cyclostomata?

- A. Petromyzon
- B. Catla
- C. Carcharodon
- D. Hippocampus (A)

Explanation : Petromyzon, commonly called lamprey, is an example of Cyclostomata.

8. Pisces are divided into:

- A. Amphibia and Reptilia
- B. Chondrichthyes and Osteichthyes
- C. Aves and Mammalia
- D. Urochordata and Cephalochordata (B)

Explanation : Pisces are divided into Chondrichthyes and Osteichthyes.

9. Chondrichthyes have:

- A. Bony endoskeleton
- B. Cartilaginous endoskeleton
- C. No endoskeleton
- D. Calcareous endoskeleton (B)

Explanation : Chondrichthyes are cartilaginous fishes.

10. Swim bladder is present in:

- A. Chondrichthyes
- B. Osteichthyes
- C. Cyclostomata
- D. Urochordata (B)

Explanation : Osteichthyes have a swim bladder, while it is absent in Chondrichthyes.