

MISSION M.B.B.S

Date: 03/08/2022

Subject: ZOOLOGY

Topic : ANIMAL KINGDOM L6

Class: Standard XI

Instructions:

A

1. The notochord is persistent throughout life in
 - A. urochordates and cephalochordates
 - B. cephalochordates
 - C. urochordates and vertebrates
 - D. all chordates
2. Identify the correct statement.
 - A. Cranium is present in all chordates
 - B. Metamerism is found in chordates
 - C. Two pairs of limbs are present in all tetrapods
 - D. Nerve cord is present on the ventral side in chordates
3. The common feature of all vertebrates is the presence of:
 - A. limbs for locomotion
 - B. a closed circulatory system
 - C. a persistent notochord
 - D. direct development into the adult stage after fertilization

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4. Which among the following is a common feature shared between *Betta* and *Carcharodon*?

- A.** Chambers in heart
- B.** Mode of embryo development
- C.** Presence of air bladder
- D.** Cartilaginous endoskeleton

5. The vertebral column is cartilaginous in:

- A.** Osteichthyes
- B.** Cyclostomes
- C.** Urochordates
- D.** Cephalochordates

6. Match the following.

Column I	Column II
A. <i>Exocoetus</i>	I. Rohu
B. <i>Pterophyllum</i>	II. Sea horse
C. <i>Labeo</i>	III. Angelfish
D. <i>Hippocampus</i>	IV. Flying fish

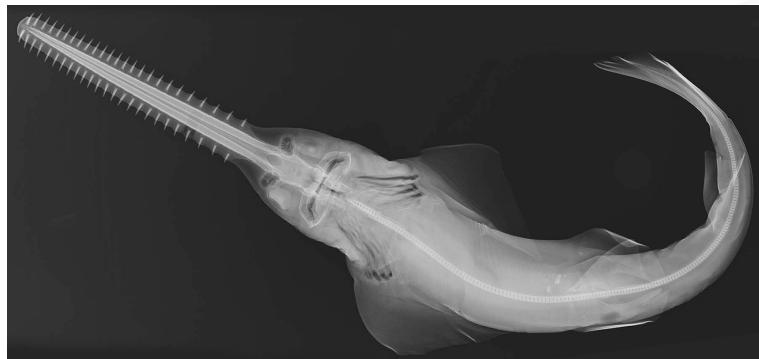
- A.** A-I, B-II, C-III, D-IV
- B.** A-IV, B-III, C-II, D-I
- C.** A-IV, B-III, C-I, D-II
- D.** A-III, B-IV, C-I, D-II

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7. Operculum is absent in

- A.** *Labeo*
- B.** *Pristis*
- C.** *Exocoetus*
- D.** *Betta*

8. Identify the animal in the image.



- A.** *Exocoetus*
- B.** *Pristis*
- C.** *Scoliodon*
- D.** *Trygon*

9. Vertebrates without jaws are included in the class:

- A.** Agnatha
- B.** Cyclostomata
- C.** Hemichordata
- D.** Chondrichthyes

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10. Identify the correct statement:

- A.** All chordates are vertebrates
- B.** All vertebrates are chordates
- C.** All triploblastic animals are coelomates
- D.** All chordates have cranium (brain box)