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**Subject: Biology**

**Topic: Animal kingdom (Chordates)**

**M.M. 200 COMPETITIVE TEST**  **Time: 30 Min.**

1. Animals belonging to phylum chordata must possesses the features like

|  |  |
| --- | --- |
| a) A notochord | b) A dorsal hollow nerve cord |
| c) Paired pharyngeal gill slits | d) All of the above |

1. Tail is the unique feature of chordate, regarding its position it is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Pre anal | b) Dorsal to anus | c) Ventral to anus | d) post anal |

1. Myogenic heart in the members of chordata is placed

|  |  |  |  |
| --- | --- | --- | --- |
| a) Dorsally | b) Ventral | c) Laterally | d) Ventro cum laterally |

1. In cephalochordate, notochord is present dorsally however, it is restricted to

|  |  |  |  |
| --- | --- | --- | --- |
| a) Head only | b) Thorax only | c) Abdomen only | d) Head to tail region |

1. Which of the following is member of subphylum cephalochordate

|  |  |  |  |
| --- | --- | --- | --- |
| a) Branchiostoma | b) Balanoglossus | c) Doliolum | d) Myxine |

1. In the member of subphylum Vertebrata notochord in adult is replaced by

|  |  |  |  |
| --- | --- | --- | --- |
| a) Nerve cord | b) Lateral line system | c) Vertebral column | d) Brain and spinal cord |

1. Pick the correct statement from the following

|  |  |
| --- | --- |
| a) All Vertebrates are chordates | b) All chordates are not vertebrates |
| c) All chordates are vertebrate | d) (a) and (b) are correct statement |

1. Agnatha is vertebrate with features of

|  |  |  |  |
| --- | --- | --- | --- |
| a) Massive jaws | b) Without jaws | c) Without notochord | d) Without nerve cord |

1. Super class tetrapoda includes :

(i) Amphibia and Chondrichthyes (ii) Reptilia and Osteichthyes

(iii) Amphibia and Reptilia (iv) Aves and mammals

|  |  |  |  |
| --- | --- | --- | --- |
| a) (i) is correct | b) (i) & (ii) are correct | c) (ii) & (iii) are correct | d) (iii) & (iv) are correct |

1. Mouth of cyclostomes is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Sucking type | b) Circular without jaws | c) Circular with jaws | d) Both (a) and (b) |

1. Which of the following statement is incorrect regarding the cyclostomes?

|  |  |
| --- | --- |
| a) After spawning, with in few days they will die | b) Commonly called as round mouth fishes |
| c)Their larva migrate from fresh water to marine water | d) Petromyzon is called as Hag fish |

1. In cartilage fishes, gills are covered with

|  |  |  |  |
| --- | --- | --- | --- |
| a) Radula | b) Gills slits | c) Operculum | d) No covering |

1. The skin of cartilaginous fish is tough containing minute scales referred as

|  |  |  |  |
| --- | --- | --- | --- |
| a) Cycloid | b) Ctenoid | c) Gannoid | d) Placoid |

1. Teeth of Chondrichthyes are backwardly directed however they, these modified into

|  |  |  |  |
| --- | --- | --- | --- |
| a) Maxilla | b) Maxillulae | c) Ctenoid scale | d) Placoid scale |

1. Electric organ is recorded in which of the following cartilage fish

|  |  |  |  |
| --- | --- | --- | --- |
| a) Trygon | b) Pristis | c) Torpedo | d) Charcharodon |

1. Position of mouth in the body of a bony fish

|  |  |  |  |
| --- | --- | --- | --- |
| a) ventral | b) Dorsal | c) Lateral | d) Terminal |

1. Air bladder is present in bony fishes, regulates :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Excretion | b) Buoyancy | c) Balance | d) Hearing |

1. Which of the following is not a fish

|  |  |  |  |
| --- | --- | --- | --- |
| a) Cuttle fish | b) Sucker fish | c) Pipe fish | d) Flat fish |

1. Match column I and column II

|  |  |
| --- | --- |
| Column I | Column II |
| A. Labeo rohita | I. Flying fish |
| B. Exocoetus | II. Rohu |
| C. Charcharodon | III. Angel fish |
| D. Petrophyllum | IV. Great white shark |

|  |  |
| --- | --- |
| a) A – III ; B – I ; C – IV ; D – II | b) A – II ; B – III ; C – I ; D – IV |
| c) A – II ; B – I ; C – III ; D – IV | d) A – II ; B – I ; C – IV ; D – III |

1. Sea horse is :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Fish | b) Reptile | c) mammal | d) Bird |

1. The number of gills that present in Osteichthyes is

|  |  |  |  |
| --- | --- | --- | --- |
| a) 2 pairs | b) 6 – 15 pairs | c) 5 pairs | d) 4 pairs |

1. In Chondrichthyes, claspers are seen on

|  |  |
| --- | --- |
| a) Pelvic fins of male | b) Pelvic fins of female |
| c) Operculum of both sexes | d) around jaws |

1. Respiration in amphibians takes place by

|  |  |
| --- | --- |
| a) gills and skin | b) Lungs and bucco pharyngeal cavity |
| c) Ctenidia and Book lungs | d) Both (a) and (b) |

1. Which of the following is incorrect statement regarding the members of class Amphibia.

|  |  |
| --- | --- |
| a) These are cold blooded | b) Sexes are separated |
| c) Fertilization is external | d) They are warm blooded |

1. Which of the following is referred as wall lizard?

|  |  |  |  |
| --- | --- | --- | --- |
| a) Alligator | b) Naja | c) Hemidactylus | d) Bangarus |

1. Which of the following is a limbless amphibians?

|  |  |  |  |
| --- | --- | --- | --- |
| a) Salamander | b) Eels | c) snakes | d) Ichthyophis |

1. Unique feature of Aves is

|  |  |
| --- | --- |
| a) Hairs are present | b) dermal scales are present |
| c) Diaphragm is present | d) Feathers are present |

1. Upper and lower jaw in Aves get modified into :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Muzzle | b) Snout | c) Trunk | d) Beak |

1. Oil gland on the body of Aves present

|  |  |
| --- | --- |
| a) At the base of beak | b) At the base of forelimbs |
| c) At the base of tail | d) At the base of third limb |

1. Digestive tract of bird is having

|  |  |  |  |
| --- | --- | --- | --- |
| a) Crop | b) Typhlosole | c) Gizzard | d) Both (a) & (c) |

1. Which of the following is a penguin?

|  |  |  |  |
| --- | --- | --- | --- |
| a) Neophron | b) Eudynamics | c) Aptenodytes | d) Patridge |

1. What type of symmetry is shown by Aves and mammals :

|  |  |  |  |
| --- | --- | --- | --- |
| a) radial | b) bilateral | c) biradial | d) asymmetrical |

1. The most unique mammalian characteristics is the presence of

|  |  |
| --- | --- |
| a) dermal scales on body | b) Presence of tails |
| c) Mammary gland | d) Control and co-ordination system |

1. Match column I and column II

|  |  |
| --- | --- |
| Column I | Column II |
| A. Cyclostomes | I. Hemichordata |
| B. Aves | II. Urochordata |
| C. Tunicates | III. Agnatha |
| D. Balanoglossus  E. Osteichthyes | IV. Pisces  V. Tetrapoda |

|  |  |
| --- | --- |
| a) A – I ; B – II ; C – III ; D – IV ; E – V | b) A – II ; B – III ; C – IV ; D – I ; E – V |
| c) A – III ; B – V ; C – II ; D – I ; E – IV | d) A – III ; B – I ; C – V ; D – II ; E – IV |