

SEMESTER-ONE**BIOLOGY**

Class XII

Student Name:

Date:

Period-I : Topic 1**CHORDATA : AVES (BIRDS) AND MAMMALS****Multiple Choice Questions**

Select and write one most appropriate option out of the four options given for each of the questions 1 – 5.

- Water vascular system is characteristic of which group of the following
 - Porifera
 - Ctenophora
 - Echinodermata
 - Chordata.
- The bones of the birds are
 - Strong and solid
 - Soft and solid
 - Pneumatic and light
 - Calcarious and heavy.
- Birds have a bipedal locomotion because it
 - Quickens the pace
 - Supports the body better
 - Frees forelimbs for flight
 - Reduces weight.
- RBCs are nucleated in
 - Frog
 - Rat
 - Cat
 - Rabbit.

5. Long hollow bones with interconnected air passages are characteristic of
- | | |
|--------------|---------------------------|
| (a) Reptiles | (b) Aves |
| (c) Mammals | (d) All land vertebrates. |

Fill in the Blanks

Fill in the blanks with a suitable word for each of the questions 1 – 5.

1. Linear repetition of parts in an animal body is called
2. Pseudocoel is found
3. A body cavity filled with blood is
4. The body temperature remains constant in animals.
5. Digestive tract is incomplete in and

True or False

State whether the following statements are true or false for each of the questions 1–5.

1. The body of the molluscs is hard but is covered by a soft shell.
2. The fertilization in majority of echinoderms occurs in open water.
3. Whale is the largest fish known.
4. Bat is a mammal.
5. Crocodile has four chambered heart.

Theoretical Questions

Answer each of the questions 1 – 5.

1. How useful is the study of the nature of body cavity and coelom in the classification of animals?

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2. “All vertebrates are chordates but all chordates are not vertebrates”. Justify the statement.

3. What are the modifications that are observed in birds that help them fly?

4. Could the number of eggs or young ones produced by an oviparous and viviparous mother be equal? Why?

5. Prepare a list of some animals that are found parasitic on human beings.

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