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**SUBJECT CODE NO: - YY-2377**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. (CBCGS)(Pattern 2022) F.Y SEM II**  
**Examination April / May - 2024**  
**Zoology Paper-IV Diversity of Chordata Protochordata to Mammals**

[Time: 1:30 Hours]

[Max. Marks:40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) All questions carry equal marks
- 3) Illustrate your answers with labelled diagram wherever necessary

**Q1 Explain in detail general features of Agnatha** **10**  
**OR**

Explain in brief :

- a) Anura
- b) Anadromous migration

**Q2 Give an account of classification of Reptilia upto order.** **10**  
**OR**

Explain in brief :

- a) General features of Aves.
- b) Altitudinal migration in birds.

**Q3 Write short notes (any two)** **10**

1. General features of pisces
2. Protochordata
3. First aid treatment in snake bite
4. Prototheria .

**Q4 Select and write correct answer from the given alternative in each subquestion** **10**

1. Protochordate blood is-----
  - a) Blue
  - b) Colourless
  - c) Red
  - d) Green
2. Branchiostoma is commonly known as-----
  - a) Lancelet
  - b) Sea squirt
  - c) Arrow-worm
  - d) None of these

3. Extinct fishes are included in -----  
a) Elasmobranchii                      b) Osteichthyes  
c) Crossopterygii                      d) Placodermi
4. Migration of fishes from river to sea are called as -----  
a) Anadromous                      b) Catadromous  
c) Both a and b                      d) None of these
5. Caecilians belongs to order -----  
a) Urodela                      b) Anura  
c) Gymnophiona                      d) opaisthoceola
6. ----- is known as common toad .  
a) Bufo                      b) Ambyastoma  
c) Salamandra                      d) Ichthyophis
7. Snakes can be differentiated from lizard by -----  
a) Absence of Tympanum  
b) Presence of Head  
c) Absence of Limbs  
d) None of these.
8. In poisonous snakes fangs are modified-----  
a) Mandibular teeth                      b) Maxillary teeth  
c) Palatine                      d) Canine
9. Preen gland of birds serves as -----  
a) To keep the body warm  
b) To help in digestion  
c) To provide vitamin K  
d) To keep feathers smooth
10. Egg laying mammals are ----  
a) Prototherians                      b) Eutherian  
c) Metatherian                      d) None of these

