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SUBJECT CODE NO:- 2078
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y (Sem-III)
Examination March/April-2022 (To be held in June/July-2022)
Zoology Paper-VII
Vertebrate Zoology

[Time: 1:53
Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

- N.B 1) Attempt all questions
2) Illustrate your answer with suitable labeled diagram
- Q.1 Describe in detail cranial nervous system of scoliodon. 20
- OR
- Explain in detail outline classification and general characters of Amphibia
- Q.2 Describe in detail Arterial system of calotes 20
- OR
- Write short notes on any four of following
- General characters of Aves
 - Blastula of chick
 - Altitudinal migration
 - Poisonous snakes
 - Neotony in Amphibia
 - Heart of scoliodon
- Q.3 Multiple choice questions 10
- Poisonous glands in snakes are modified glands of
a) Parotid gland b) lacrimal gland c) thyroid gland d) tear gland
 - Cotyledonary placenta is found in
a) Cow and camel b) cow and deer c) camer and giraffe d) pig and horse
 - Teeth of scoliodon are
a) Polyphyodont b) monodont c) pleurodont d) acrodont
 - Amphibian are :
a) Homeothermic b) piokilothermic c) heterothermic d) none
 - In Rat the blood from right ventricle goes to lungs by
a) Systemic aorta b) precavals c) truncus Arteriosus d) pulmonary aorta

- 6) Endoskeleton of cyclostomes is
 - a) Absent
 - b) bony
 - c) cartilaginous
 - d) both b and c
- 7) Calotes is
 - a) Herbivorous
 - b) Insectivorous
 - c) omnivorous
 - d) plankton feeder
- 8) Cranial nerves in cyclostomes are
 - a) 4-6 pairs
 - b) 6-8 pairs
 - c) 8-10 pairs
 - d) 10-12 pairs
- 9) The study of reptiles are :
 - a) Herpetology
 - b) Ichthyology
 - c) entomology
 - d) ornithology
- 10) In calotes the precavals are formed by the union of:
 - a) Pulmonary vein
 - b) Azygous vein and jugular vein
 - c) Internal and external jugular vein with subclavian vein
 - d) Caudal and sub-clavian vein