

Total No. of Printed Pages: 2

SUBJECT CODE NO:- B-2078
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. S.Y. (Sem-III)
Examination November/December- 2022
Zoology Paper-VII
Vertebrate Zoology

[Time: 1:30 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 digestive system of scoliodon. 20
OR
Explain out Line classification and general characters of Reptiles.
- Q.2 Describe in detail respiratory system of columba livia. 20
OR
Write Short notes on any four of the following.
a) General characters of cyclostomata.
b) Brain of scoliodon
c) Non-poisonous snakes
d) Chorion- allantois placenta
e) Latitudinal migration
f) Bipedal locomotion in Birds.
- Q.3 Multiple choice questions. 10
1) Petromyzon has _____ pairs of gills are present.
a. Single b. seven c. fourteen d. Six

- 2) Neoteny refers to _____
- a. Retention of rudimentary organ.
 - b. Metamorphosis
 - c. Retention of larval characters in adult
 - d. Reproduction in larval forms.
- 3) Scales in cyclostomes are _____
- a. Absent
 - b. cycloid
 - c. ctenoid
 - d. placoid
- 4) The eggs of frog is _____
- a. Isolecithal
 - b. Telolecithal
 - c. Centrolecithal
 - d. Alecithal.
- 5) Heart of Rat _____
- a. 2-chamber
 - b. 3-chamber
 - c. 6-chamber
 - d. 4 chamber
- 6) Tailed Amphibia are _____
- a. Apoda
 - b. Anura
 - c. Gymnophiono
 - d. Urodela
- 7) Mammals are _____
- a. Cold blooded
 - b. Warm blooded
 - c. a and b
 - d. None of these
- 8) Endoskeleton of scoliodon is made up of _____
- a. Cartilage
 - b. bone
 - c. scales
 - d. plates
- 9) Placenta is totally absent in _____
- a. All monotrems
 - b. Metatrems
 - c. Eutherians
 - d. All primates
- 10) Columba Livia have _____ major sacs in Lungs.
- a. 8
 - b. 9
 - c. 7
 - d. 10