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**SB—118—2022**

**FACULTY OF SCIENCE & TECHNOLOGY**

**B.Sc. (First Year) (First Semester) EXAMINATION**

**MAY/JUNE, 2022**

**(New Pattern)**

**ZOOLOGY**

**Paper-II**

**(Biodiversity of Chordates)**

**(Saturday, 18-06-2022)**

**Time : 10.00 a.m. to 12.30 p.m.**

*Time— 2½ Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions*

*(ii) Illustrate your answers with suitably labelled diagrams wherever necessary.*

1. Define Nervous System. Describe in detail brain of *Scoliodon*. 15

*Or*

Write notes on :

(i) Origin and Ancestry of Chordata. 8

(ii) General characters of Agnatha. 7

2. Describe the structure and working of heart of rat. 15

*Or*

Write notes on :

(i) Migration of Birds 8

(ii) Identification keys of poisonous snakes. 7

**P.T.O.**

3. Write short notes on (any two) :

10

- (i) Urochordata
- (ii) Hibernation
- (iii) Importance of snake venom
- (iv) Ear of Rat.