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**PA—62—2024**

**FACULTY OF SCIENCE**

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

**APRIL/MAY, 2024**

**(New Course)**

**ZOOLOGY**

**Paper III**

**(Comparative Anatomy of Vertebrates)**

**(Saturday, 20-04-2024)**

**Time : 10.00 a.m. to 12.00 noon**

*Time—2 Hours*

*Maximum Marks—40*

*N.B. :—* (i) Attempt *all* questions.

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

1. Give an account of different respiratory organs in vertebrates. 15

*Or*

Write short notes on :

(a) General characters of vertebrates. 8

(b) General structure of Integument. 7

2. Give an account of evolution of heart in vertebrates. 15

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Or

Write short notes on :

(a) Structure of neuron 8

(b) Photoreceptors. 7

3. Write short notes on (any two) : 10

(a) Forelimbs of mammals

(b) Digestive glands

(c) Single circulation

(d) Brain of reptiles.

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