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VA—62—2024

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2024

(New Pattern)

ZOOLOGY

Paper-III

(Comparative Anatomy of Vertebrates)

(Wednesday, 11-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (1) Attempt *all* questions.

(2) Illustrate your answers with suitably and labelled diagrams wherever necessary.

1. Give an account of alimentary canal of vertebrates. 15

Or

Write short notes on :

(a) Dermal derivatives of integument. 8

(b) Pectoral girdle of mammals. 7

2. Give a comparative account of kidney in vertebrate series. 15

Or

Write short notes on :

(a) Comparative account of brain of Pisces and Mammals. 8

(b) Phonoreceptors 7

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(2)

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

10

(a) General characters of vertebrates

(b) Lungs

(c) Double circulation

(d) Structure of Neuron.

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