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NA—60—2023

FACULTY OF SCIENCE & TECHNOLOGY

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

NOVEMBER/DECEMBER, 2023

(New Pattern)

ZOOLOGY

Paper-VI

(Physiology)

(Wednesday, 13-12-2023)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—40

N.B. :— (1) Attempt *all* questions.

(2) Illustrate your answer with suitable labelled diagrams, wherever necessary.

1. Give an account of sources, deficiency diseases of fat soluble vitamins. 15

Or

(a) Describe the structure of kidney. 8

(b) Give an account on Electrocardiogram (ECG). 7

2. Describe the structure, functions and hormonal disorders of Thyroid gland. 15

Or

(a) Explain conduction of Nerve impulse. 8

(b) Give an account on Cardiac muscle. 7

P.T.O.

WT

(2)

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3. Write short notes on any *two* of the following :

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- (a) Transport of O₂ and CO₂
- (b) Structure of Human Heart
- (c) Structure of Neuron
- (d) Histological structure of Human Ovary.

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