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SB—136—2022

FACULTY OF SCIENCE & TECHNOLOGY

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

MAY/JUNE, 2022

(Old Course)

ZOOLOGY

Paper-IX

(Endocrinology, Histology and Biochemistry)

(Monday, 20-06-2022)

Time : 02.00 p.m. to 04.30 p.m.

Time— 2½ Hours

Maximum Marks—40

N.B. :— (i) All questions are compulsory.

(ii) Draw well labelled diagrams, wherever necessary.

1. Describe the structure and functions of Thyroid gland. 15

Or

(i) Explain hormones of Adenohypophysis. 8

(ii) Describe T.S. of Testis. 7

2. Describe in detail Kreb's cycle. 15

Or

(i) What is Deamination with an example. 8

(ii) Explain β -oxidation. 7

3. Attempts (any two) of the following : 10

(i) Hormones of Adrenal gland

(ii) T.S. of Liver

(iii) Gluconeogenesis

(iv) Ketolysis.

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