



0074902

K19U 2280

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CBCSS- Reg./Sup./Imp.)

Examination, November-2019

(2014 Admn. Onwards)

Core Course in Zoology

5 B05 ZLG: BIOCHEMISTRY AND ENDOCRINOLOGY

Time : 3 hours

Max. Marks : 40

I. Answer any **Two**:

(2×8=16)

- 1) Explain on Adrenal and Thyroid Gland.
- 2) Describe various steps involved in Krebs cycle.
- 3) Explain on lipids.
- 4) Explain on the mechanism of enzyme action and classification of enzymes.

II. Answer any **Two**:

(2×4=8)

- 5) Explain the structure of DNA.
- 6) Note on classification of carbohydrates.
- 7) Briefly explain Insect Endocrine system.
- 8) Explain on Electron Transport systems.

III. Answer any **Six**:

(6×2=12)

- 9) Deamination
- 10) Vitamin C
- 11) Biological functions of water
- 12) Placenta

P.T.O.



- 13) Prostaglandins
- 14) Isozymes
- 15) Oxidative phosphorylation
- 16) Hypothalamus

IV. Answer the following

(4x1=4)

- 17) Parathormone is secreted by -----
- 18) Process of conversion of glycogen to glucose is -----
- 19) Amino acids are linked by ----- bond.
- 20) ----- is an example for pentose.