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SUBJECT CODE NO: BB-2537
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS)(Pattern 2022) T.Y SEM VI
Examination November / December 2025
Zoology-XXIIA Animal Physiology -II

[Time: 1:30 Hours]**[Max. Marks:40]**

Please check whether you have got the right question paper.

N. B

1. All questions are compulsory
2. All questions carry equal marks
3. Draw well labelled diagrams wherever necessary.

Q1 Describe in detail the counter Current Multiplier System in Excretion? 10

OR

Explain the Sliding filament theory of Muscle contractions in detail.

Q2 Describe the structure of the mammalian Eye & Explain the Physiology of Vision, 10

OR

Explain the Male & female sex hormone and its role in the Process of reproduction in Mammals:

Q3 Write short notes on any Two 10

1. Structure of kidney
2. Muscle fatigue
3. Chemoreceptors
4. Neurotransmitters



Q4 Write short notes on any Two 10

1. Structure of Ear
2. Cardiac Muscles
3. Neurons
4. Oestrus cycle.