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SUBJECT CODE NO: - Y-2202
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (S.Y SEM IV)
Examination April / May – 2024
Zoology Paper- XII Biochemistry and Endocrinology

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) Illustrate your answer with suitable labelled diagrams.

Q.1 What are enzymes? Give the mechanism of enzyme action. 20

OR

Write an essay on Sources and deficiency of Vitamins. 20

Q.2 Define endocrine system. Add a note on anterior lobe Pituitary hormones and their functions. 20

OR

Write short notes on any four of the following: 20

- a) Histology of thyroid gland.
- b) Hormones and their functions of Pancreas
- c) Deamination
- d) Glucogenesis
- e) co-enzyme
- f) Structure of Adrenal gland.



Q.3 Multiple choice questions. 10

1. The word enzyme was coined by _____
 - a) W.Kuhne
 - b) Emil Fisher
 - c) Lavlov
 - d) Chittenden
2. The process of Synthesis of glycogen from glucose is known as _____
 - a) Glycolysis
 - b) Glycogenesis
 - c) TCA cycle
 - d) Gluconeogenesis
3. The protein present in the hair and feathers are _____
 - a) Collagens
 - b) Elastin
 - c) Globins
 - d) Albumins

