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SUBJECT CODE NO: - BNP-2700
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (NEP) (P-2024) S.Y Sem III
Examination November / December 2025
Zoology (Animal Physiology-I)

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

N. B

Please check whether you have got the right question paper.

- 1) PART 'A' is compulsory
- 2) Attempt any four questions from PART "B"
- 3) Draw neat labelled diagrams wherever necessary.

PART-A**Q1 Attempt the following MCQ'S****10**

- 1) The enzyme that digests proteins into peptides is:
 - a) Lipase
 - b) pepsin
 - c) Amylase
 - d) maltase
- 2) The immune cells that produce antibodies are:
 - a) RBC
 - b) platelets
 - c) B-lymphocytes
 - d) monocytes
- 3) The structural and functional unit of kidney is:
 - a) Nephron
 - b) Neuron
 - c) Alveolus
 - d) glomerulus
- 4) Which part of brain regulates respiration
 - a) cerebrum
 - b) medulla oblongata
 - c) cerebellum
 - d) Hypothalamus
- 5) The semi-circular canals are concerned with:
 - a) vision
 - b) Hearing
 - c) Balance
 - d) smell

PART-B

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|---|-----------|
| Q2 give in detail enzymes involved in digestion | 05 |
| Q3 Describe the structure of synapse | 05 |
| Q4 what is ECGS & write its principle & significance | 05 |
| Q5 write in short Bohr effect | 05 |
| Q6 a) Explain ultrafiltration in kidney | 03 |
| b) write short notes on physiology of sight. | 02 |
| Q7 a) Explain the physiology of hearing | 03 |
| b) Draw and labelled diagram of kidney. | 02 |