



M.Sc. III Semester Degree Examination, April/May - 2024

ZOOLOGY

DSE 1 : Human Physiology

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question **No.1 Compulsory**, each question carries **equal** marks.

1. Illustrate the different components and functions of human integumentary system. **14**
2. Describe the physiology of digestion and absorption. **14**
3. Give a detailed explanatory note on physiology of excretion. **14**
4. Explain the conduction of nerve impulse in myelinated and non-myelinated neurons. **14**
5. Write short notes on the following :
 - (a) Biosynthesis of glycogen and fats. **7**
 - (b) Minerals and Vitamins as nutrients. **7**
6. Write a note on the following :
 - (a) Physiology of respiration **7**
 - (b) Cardio-vascular pathways **7**
7. Write a notes on the following :
 - (a) The limbic system **7**
 - (b) Physiology of muscle movement **7**
8. Write short notes on the following :
 - (a) Lung capacities **5**
 - (b) Blood groups **5**
 - (c) Drug abuse **4**

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