



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

ZOOLOGY

DSE - 2 : Neurobiology and Aging

(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. Give a detailed account on the central and peripheral nervous systems. **14**
2. Explain membrane potential. Elaborate the propagation of nerve impulses. **14**
3. Explain the neuro-physiological basis of sleep. **14**
4. Write an essay on the effect of aging on the brain function. **14**
5. Describe the diseases associated with respiratory system and heart. **14**
6. Write short notes on the following :
 - (a) Amnesia **5**
 - (b) EEG **5**
 - (c) Epilepsy **4**
7. Write short notes on the following :
 - (a) Depression **5**
 - (b) Anorexia **5**
 - (c) Perimenopausal Problem **4**
8. Write short notes on the following :
 - (a) Cerebral cortex **5**
 - (b) MR spectroscopy **5**
 - (c) Age related changes in personality **4**

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