

B.Sc. DEGREE EXAMINATION, NOVEMBER 2019
I Year I Semester
Biological Basis of Behaviour I

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Define Biopsychology.
2. Psychphysiologist.
3. What do you mean by meninges?
4. Write about soma and dendrite.
5. Define action potential.
6. Define Homeostasis.
7. What do you think are hormones?
8. Define aggression.
9. What is the role of hippocampus?
10. Define learning.
11. Mention the types of ventricle and its function.
12. Define amnesia.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Describe the approaches to relate brain and behavior.
14. Draw the structure of neuron and mention the tests of cerebral localization.
15. Outline the importance of regulation of salt, food and energy.
16. Write in brief about violence and aggression.
17. Explain the amnesic effect of bilateral medial temporal lobectomy.
18. Enumerate the ethical issues in research with animals.
19. Write down the research methods involved in Biopsychology.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Explain divisions of Biopsychology and its scope.
21. Explain central nervous system in detail.
22. Describe the process of conduction of action potential and synaptic transmission.
23. Elucidate on the relationship of stress and emotions to human diseases.
24. Explain in detail the neuro-anatomy of objects.

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