

**SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)**

**(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.**

B.Sc. END SEMESTER EXAMINATIONS APRIL - 2022

SEMESTER - I

21UPCCT1002 - Biological Psychology-I

Total Duration : 3 Hrs.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the meaning of Biological Psychology.
2. Classify the types of Neurotransmitters and their functions.
3. Illustrate the functions of the autonomic nervous system.
4. Explain the influence of hormone on growth and activity.
5. Describe the various research methods correlating brain and behaviour.
6. Apply your understanding to explain the activation of receptors of the post synaptic cell.
7. Describe the various lobes of the human brain.
8. Explain the feedback control mechanism in regulating secretion of hormones.

Section B

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Illustrate the various biological explanations behaviour with examples.
10. Describe in detail the functions and the importance of the blood brain barrier.
11. Apply your understanding and explain the structure and properties of synapses.
12. Compare and contrast the different parts of the forebrain and their functions.
13. Appraise the role of the endocrine glands and its specific hormones.
