

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 NOVEMBER-2022

SEMESTER - I

21UPCCT1002 - Biological Psychology-I

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Interpret the approaches that biological psychologist use to understand the relationship between brain and behaviour.
2. Describe the different types of neurotransmitters.
3. Illustrate the structure of meninges and the production of cerebrospinal fluid.
4. Explain the feedback control mechanisms in regulating secretion of hormones.
5. Sketch the supporting cells of central and peripheral nervous system.
6. Analyse the reuptake and enzymatic degradation mechanism of post synaptic potential.
7. Illustrate the anatomy of spinal cord.
8. Ascertain the hormonal influence on behaviour with relevant examples.

Section B

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

9. Explain the various methods of recording brain activity.
10. Describe the measurement of action potential.
11. Examine the structure of synapse, the release of neurotransmitter and activation of postsynaptic receptors.
12. Illustrate the development of central nervous system.
13. Ascertain the hormones secreted by pituitary and adrenal glands with its functions.
