

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 - II

21UPCCT2004 - Biological Psychology-II

Total Duration : 3 Hrs.

Total Marks : 60

**Section A**

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

1. Describe the physiological events during sleep.
2. Explain why neuron death is necessary stage in neuro development.
3. What are the major postulates of Hans Selye's stress response model?
4. Indicate why some people are susceptible to the development of eating disorders.
5. Examine the different types of memories.
6. Illustrate the post-natal growth of human brain.
7. Describe the physiological theories of emotion.
8. Analyze the effects of sleep deprivation.

**Section B**

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

9. Describe the disorders of sleep associated with REM and REM stage.
10. Examine the treatment approaches to brain damage in human patients.
11. Explain the Brain mechanism of human emotions.
12. Describe the mechanism involved in osmometric and volumetric thirst.
13. Explain the neuroplastic mechanism in learning and memory.

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