

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.(Psy) END SEMESTER EXAMINATIONS APRIL-2023

SEMESTER - II

**21UPCCT2004 - Biological Psychology II**

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

### **Section B**

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

1. Describe the functions of REM sleep and slow wave sleep.
2. Interpret the role of hypothalamus in hunger and satiety.
3. Analyse the effect of stress on immune function.
4. Sketch the role of hippocampus in spatial memory.
5. Explain the Neuroplastic response to nervous system damage.
6. Elucidate the mechanism involved in digestion and food selection.
7. Analyse the causal factors for attack behaviour and aggression.
8. Write a short note on Korsakoff's syndrome.

### **Section C**

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

9. Describe the stages of sleep and their characteristics.
10. Illustrate the phases of neuro development in humans.
11. Examine in detail hypovolemic thirst and osmotic thirst.
12. Explain :- (i) The role of autonomic nervous system in emotions.  
(ii) Brain areas associated with emotions.
13. Appraise the biological causal factors of any two memory disorders.

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