

B.Sc. DEGREE EXAMINATION, APRIL 2020
I Year II Semester
Biological basis of Behaviour II

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. What is postnatal development?
2. What is humoaffinity hypothesis.
3. What is concussion?
4. What are the causes of brain damages?
5. Lucid dreams
6. Define intracranial stimulation.
7. Organ of corti.
8. Parts of Somato Sensory System.
9. Define Plasticity.
10. What is muscular atrophy?
11. Programmed cell death.
12. Williams syndrome.

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

Answer any **FIVE** questions

13. Explain Autistic Spectrum Disorder.
14. Elucidate on cerebro vascular disorders.
15. What is circadian rhythm? What controls it?
16. Explain the two ascending Somato Sensory Pathways.
17. What is brain plasticity? Why does it happen?
18. What is Alzheimer's disease.
19. Discuss the role of reticular activating system in sleep.

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

Answer any **THREE** questions

20. Explain the phases of Brain development.
21. Concussion of Korsakoff's Syndrome - Explain.
22. Biopsychological theories of addiction - Explain.
23. Explain the process of hearing in human beings.
24. How does disorder in muscles cause disruption of movement?

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