



[Time: 3 Hours]

[Max. Marks : 80]

PHYSIOLOGY - PAPER II

QP Code: 2504

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Mention the connections of hypothalamus. Briefly explain the functions of hypothalamus
2. Describe the functional anatomy, connections and functions of cerebellum

SHORT ESSAY (Answer any eight of the following)

8 X 5 = 40 Marks

3. What is brown sequard syndrome? Explain features of brown sequard syndrome
4. Discuss fertility control measures
5. Mechanism of formation of urine
6. Describe field of vision
7. Describe auditory pathway
8. Describe connections and functions of basal ganglia
9. Outline the role of calcium ions in excitation contraction coupling
10. Describe events during synaptic transmission. What is synaptic inhibition?
11. Describe mechanism of hearing
12. Blood brain barrier and its importance

SHORT ANSWERS

10 X 2 = 20 Marks

13. Milk ejection reflex
14. Tetany
15. Diabetes insipidus
16. Proprioceptors
17. Reflex arc
18. Presbyopia
19. Impedance matching
20. Tests for hearing
21. Glaucoma
22. Pregnancy tests

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