

NEURO SCIENCE TECHNOLOGY

PAPER-III

BASIC EEG AND NERVE CONDUCTION TECHNIQUES

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Explain the anatomy of spinal cord with neat diagram of transverse section.
2. Optic nerve anatomy and its pathologies at different levels.
3. Antiparkinsonian drugs and its side effects.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Sensory receptors and types.
5. What is a synapse?
6. Skeletal muscle anatomy.
7. Upper and lower motor neuron.
8. Infantile spasms.
9. Meningeal layers.

Write briefly on the following:

10 X 3 = 30

10. Blood brain barrier.
11. Divisions of cerebellum.
12. Name cranial nerves.
13. Parts of brain.
14. What are the special senses?
15. Inhibitory neurotransmitters.
16. Rods and cones.
17. Taste buds.
18. What is CSF?
19. Function of Eight cranial nerve.
