

**B.Sc. NEURO ELECTRO PHYSIOLOGY
SECOND YEAR
PAPER III – EVOKED POTENTIALS AND CLINICAL NEUROLOGY**

Q.P. Code: 802513

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on: **(3 x 10 = 30)**

1. Definition of seizure and epilepsy, classify seizures.
2. Causes of paraplegia and quadriplegia, both upper and lower motor neuron.
3. Brainstem auditory evoked responses, physiology and recording.

II. Write notes on: **(8 x 5 = 40)**

1. Pharmacology of barbiturates.
2. Use of electrophysiology to differentiate syncope from seizures.
3. Flash visual evoked potentials.
4. Necrosis.
5. Dystrophin protein in the human body.
6. Floppy infant.
7. Alzheimer's disease.
8. Tibial somatosensory evoked potentials.

III. Short answers on: **(10 x 3 = 30)**

1. Anticoagulants.
2. Vector borne disease.
3. Streptococcus pneumonia.
4. Hospital acquired infections.
5. Conductive hearing loss.
6. Benzodiazepines.
7. Vertigo.
8. Cranial nerve nuclei in midbrain.
9. Optic nerve.
10. Recent versus remote memory.
