

**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. Movement disorders, hyperkinetic and hypokinetic – clinical features and examples.
2. Define stupor and coma, enumerate causes.
3. Somatosensory evoked potentials from tibial and median nerves, stimulation and recording procedures with clinical applications.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Interpeak latencies in brainstem auditory evoked responses.
2. Myelin sheath for nerves.
3. Pharmacokinetics versus pharmacodynamics.
4. Principle of averaging in event related potentials.
5. Radialmononeuropathy.
6. Neurocysticercosis.
7. Electroretinogram.
8. Advantages of visual evoked potentials (VEP) by checkerboard pattern reversal stimulation.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Differences between community and nosocomial infections.
2. Homonymous hemianopia.
3. Clinical tests of ataxia.
4. Classification of aphasia.
5. Mosquito borne diseases.
6. Neurosyphilis.
7. Sensory neural hearing impairment.
8. Carbamazepine.
9. Trigeminal nerve.
10. Disinfectants in hospital use.