

**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. Describe how a BAER examination is done with appropriate diagrams and describe the wave forms obtained?
2. What is autonomic dysfunction? What are the common causes? What are the symptoms the patient can have and what are the tests in neuro electrophysiology which can be used to evaluate?
3. What is acute transverse myelitis (ATM)? How can SSEP help in evaluating a patient with ATM?

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

1. Maturation of VEP.
2. Non convulsive status epilepticus.
3. Pyramidal tracts.
4. Surgical monitoring.
5. Repetitive nerve stimulation.
6. SSR (Sympathetic Skin Response).
7. Hypoxic brain injury.
8. Juvenile Myoclonic epilepsy.

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

1. Lumbar spondylosis.
2. P100.
3. Meningitis.
4. Conductive hearing loss.
5. Myoclonus.
6. Motor evoked potential.
7. Neuro Myelitis Optica (NMO).
8. Hydrocephalus.
9. Facial nerve stimulation.
10. Myasthenia Gravis.

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