

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. What is hypoxic brain injury? Describe the various evoked potential tests which can be used in a patient with hypoxic brain injury?
2. What is paraplegia? Describe how to perform atibial SSEP and its wave forms?
3. What are demyelinating disorders, describe various evoked potential tests which can be used in a patient with demyelinating disorder?

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

1. LED Goggles.
2. Hypoxic brain injury.
3. Dorsal columns.
4. Hemiplegia.
5. Autonomic functions tests.
6. Central motor conduction time.
7. ERG.
8. BAER in Sensory neural hearing loss.

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

1. Trans cranial magnetic stimulation.
2. Sympathetic skin response.
3. Cortical visual loss.
4. Rigidity.
5. Cognitive evoked potential.
6. Ataxia.
7. Primary dementias.
8. Botulinum toxin.
9. Ganglionopathy.
10. Facial nerve conduction.
