

**B.Sc. NEURO ELECTRO PHYSIOLOGY
THIRD YEAR
PAPER III – APPLICATION OF CLINICAL NEUROPHYSIOLOGY AND
ASSESSMENT**

Q.P. Code: 802523

Time: Three Hours

Maximum : 100 Marks

Answer All questions

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

1. Discuss the anatomy of the venous drainage of the brain and cerebral venous sinus thromboses.
2. Symptoms and signs of meningoencephalitis, causative factors and diagnosis.
3. Clinical features of upper motor neuron lesions and discuss amyotrophic lateral sclerosis (ALS).

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

1. Symptoms and signs of brain tumor.
2. Multiple sclerosis.
3. Cobalamine deficiency.
4. Stages of sleep.
5. Oculomotor palsy.
6. Symptoms and signs of cerebellar disease.
7. Guillain Barre Syndrome.
8. Autonomic function tests.

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

1. Subdural hematoma.
2. Complications of hypoxic ischemic encephalopathy (HIE).
3. Types of brain edema.
4. Wilson disease.
5. Mild cognitive impairment.
6. Secondary headaches.
7. Tremor.
8. Pachymeningitis.
9. Small fibre neuropathy.
10. Myasthenia gravis.