

**B.Sc. NEURO ELECTRO PHYSIOLOGY
SECOND YEAR
PAPER I – ELECTRO ENCEPHALO GRAPH**

Q.P. Code: 802511

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Give a brief classification of epileptic seizures.
2. Describe the physiological parameters measured and equipment parameter setting for Polysomnography.
3. Enumerate the EEG artifacts and their recognition and elimination.

II. Write notes on:

(8 x 5 = 40)

1. Centro – temporal spikes.
2. Triphasic waves.
3. Absence seizures.
4. Frontal lobe epilepsy.
5. EEG in coma.
6. Benign childhood seizures.
7. Lennox – Gastaut syndrome.
8. Infantile spasms.

III. Short answers on:

(10 x 3 = 30)

1. Photic Stimulation.
2. Inter – ictal EEG.
3. Slow waves and their significance.
4. Sphenoidal electrodes.
5. Absence seizures.
6. Generator of EEG.
7. Hans Berger.
8. Average reference montage.
9. Alpha wave.
10. Syncope.
