

**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. Evolution of EEG in various age groups.
2. Describe the various montages and their usefulness in specific pathologies.
3. Depth electrodes and long term EEG recording.

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

1. Usefulness of EEG recording in the ICU.
2. EEG Changes in a patient with SSPE.
3. Triphasic waves.
4. EEG artefacts seen commonly.
5. Electrocorticography.
6. Various activation methods.
7. EEG in NREM Sleep.
8. EEG patterns in a patient with Absence seizures.

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

1. Vertex waves.
2. BIPLEDS.
3. Photic driving.
4. FIRDA.
5. Delta waves.
6. EEG patterns of unclear significance.
7. Non convulsive status epilepticus.
8. Burst Suppression.
9. Calibration.
10. Lambda waves in EEG.

\*\*\*\*\*