

[LQ 0220]

FEBRUARY 2020

Sub. Code: 2511

**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. Activation procedures used while recording EEG.
2. Periodic complexes in EEG.
3. EEG Monitoring in the ICU Setting.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Hypsarrhythmia.
2. Viral encephalitis.
3. Progressive myoclonic epilepsy.
4. Triphasic waves – recognition and clinical correlates.
5. Absence seizures.
6. Typical absence seizures and EEG correlate.
7. Utility of phase reversal with examples.
8. Non convulsive seizures.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Drip artefacts.
2. K complexes.
3. Trace alternant.
4. Hot water epilepsy.
5. EEG in dementia.
6. Transient ischemic episodes.
7. EEG in hepatic failure.
8. Autoimmune encephalopathy.
9. Hans Berger and Richard Caton.
10. Post ictal slowing.

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