

[LH 0815]

AUGUST 2015

Sub.Code :2521

**B.Sc. NEURO ELECTRO PHYSIOLOGY**

**THIRD YEAR**

**PAPER I – NERVE CONDUCTION STUDIES AND ELECTROMYOGRAPHY**

*Q.P. Code : 802521*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Lumbosacral plexopathy and its neurophysiological evaluation.
2. Describe the anatomy of muscle and basic principles of electromyography.
3. Nerve conduction study in Guillain Barre syndrome.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Filters in electrodiagnostic tests.
2. Compound motor action potential.
3. Median nerve conduction study.
4. Electrodiagnosis of C5- C6 radiculopathy.
5. Martin-Gruber anastomosis.
6. Temporal dispersion.
7. NCS and EMG in myasthenia gravis.
8. Gluteus medius electrodiagnosis.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Radial neuropathy clinical signs and symptoms.
2. Phrenic nerve.
3. Femoral nerve conduction.
4. Blink reflex.
5. Head up tilt table testing.
6. EMG needle electrodes.
7. Insertional activity in electromyography.
8. Positive sharp waves.
9. EMG of Abductor pollicis brevis.
10. Demyelinating motor sensory polyneuropathy.

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