

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM  
(Deemed to be University)**

**B.SC (NEURO SCIENCE TECHNOLOGY) DEGREE EXAMINATION - September  
2021  
Third Year**

**APPLIED TECHNOLOGY - IV APPLIED NERVE CONDUCTIONS ,  
ELECTROMYOGRAPHY AND EVOKED POTENTIALS**

Three Hours

Maximum: 75 marks

**I. Write an essay on any ONE of the following: (1 x 20 = 20)**

1. Write in detail about demyelinating neuropathies
2. Explain the anatomy and nerves conduction of median nerve

**II. Write short notes on any TWO of the following: (2 x 10 = 20)**

3. Myopathy
4. RNS
5. Magnetic stimulation of brain
6. Magnetoencephalography

**III. Write short answers on any SEVEN of the following: (7 x 5 = 35)**

7. Carpal tunnel syndrome
8. Electroconvulsive therapy
9. Surface recording of EMG in muscle disorders
10. Principles of doppler
11. Carotid doppler study
12. Bells palsy
13. Pain pathway
14. Visual pathway
15. Carotid doppler
16. Insertion activity in EMG

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