

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

**B.Sc. (NEURO SCIENCE TECHNOLOGY) DEGREE EXAMINATION
August 2019
Second Year**

**APPLIED TECHNOLOGY II : BASICS OF NERVE CONDUCTIONS
ELECTROMYOGRAPHY AND EVOKED POTENTIAL**

Time: Three hours

Maximum: 75 marks

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

- 1.Explain the major complications of viral encephalitis
- 2.Clinical features of upper motor neuron lesions.

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

- 3.Abducens palsy and spondylosis
- 4.Embolic stroke and narcolepsy
- 5.Features of lower motor neuron lesions and symptoms and signs of cerebellar disease
- 6.Autonomic function tests

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

7. Transient ischemic attack and vascular dementia
- 8.Mild cognitive impairment and secondary headaches
- 9.Small fiber neuropathy
10. Clinical features of upper motor neuron lesions
11. Multiple sclerosis
12. Tremor
13. Myasthenia gravis
14. Clinical features of inborn errors of metabolism
15. Obstetric brachial plexopathy
16. CSF – Explain.