

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

**B.Sc. (NEUROSCIENCE TECHNOLOGY) DEGREE EXAMINATION
March 2019
Second Year**

**APPLIED TECHNOLOGY I: BASICS OF CLINICAL NEURO
PHYSIOLOGY**

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. Automatic 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.