

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

**B.Sc. (NEUROSCIENCE TECHNOLOGY) DEGREE
EXAMINATION - February 2020
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 in detail about inborn errors of metabolism.
2. Explain the types of filters and time constant.

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

3. Guillain Barre Syndrome.
4. Meningitis.
5. Write about on clinical features of Parkinsonism disease.
6. Write a short note on EEG.

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

7. Neuro Cysticercosis.
8. Wernicke – Korsak off syndrome.
9. Explain type of brain tumor.
10. Sign and symptoms of vitamin A deficiency.
11. Explain about principles of EEG recording.
12. Bell 's palsy.
13. Multiple sclerosis.
14. Brain abscess.
15. Explain about sign, symptoms and management of CVA.
16. Rheumatoid arthritis.