

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

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

APPLIED NEURO SCIENCE - I

Time: Three hours

Maximum: 75 marks

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

1. Explain the parts of spinal cord and its structure.
2. Define the facial muscles and neuromuscular function.

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

3. Structure and functions of Brain.
4. Explain the Cranial Nerves.
5. Explain in detail about synaptic transmission.
6. Anatomy of sural, common peroneal, posterior tibial.

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

7. Muscle contraction.
8. Automatic Nervous system.
9. Explain peroneal and posterior tibial.
10. Spinal Cord – blood supply.
11. Brain stem- Explain.
12. Lumbosacral Plexus.
13. Anatomy of any two muscles.
14. Types of Nerves.
15. Describe the Bronchial plexus.
16. Define – Basal ganglia, thalamus.
