

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

**B.Sc. (NEUROSCIENCE TECHNOLOGY) DEGREE
EXAMINATION February 2020
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 detail about cerebrum. Describe the brain stem.
2. a) Explain detail about sleep cycle.
b) Describe Visual pathway with diagram.

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

3. Explain the neurotransmitters in detail.
4. Describe the anatomy of the dumbosacral plexus.
5. Write about upper limb muscle with diagram.
6. Describe the physiology of neuromuscular junction.

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

7. Describe the anatomy of the radial nerve?
8. What are the type of nerve fibres?
9. What are dermatomes?
10. Describe the anatomy of brachial plexus.
11. Write a note on Parital Rope.
12. Write a note on Consciousness.
13. Write a note on Cranial nerves.
14. Describe the anatomy of basal ganglia.
15. What are the type of nerve fibres?
16. Write a note on Peripheral nerve.