

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

**B.Sc. (NEUROSCIENCE TECHNOLOGY) DEGREE
EXAMINATION - February 2020
Second Year**

PHARMACOLOGY

Time: Three hours

Maximum: 75 marks

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

1. Classify anticholinergic drugs and write the pharmacological actions, Indication, adverse effect and uses of atropine.
2. Explain about corticosteroids – synthesis, actions, preparation, doses and administration.

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

3. Explain about various factors that modify drug action.
4. Classify antiarrhythmic drugs and write its contraindication and uses.
5. Classify antiemetic and write the mechanism of Metoclopramide.
6. Explain about Immunomodulatory agents.

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

7. Neuromuscular junction.
8. Explain about coronary vasodilators.
9. Thyroid hormones.
10. Factors influencing drug action.
11. Write about antianginal and antifailure agents.
12. Classify antihistamine and its uses.
13. Aspirin.
14. Disulfiram.
15. Oral hypoglycemic agents.
16. Perfusion technology.