

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

B.Sc. (CARDIAC TECHNOLOGY) DEGREE EXAMINATION

August 2018

Second Year

APPLIED PHARMACOLOGY

Time: Three hours

Maximum: 75 marks

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

1. Classify antihypertensives. Discuss in detail about the mechanism of action, adverse effects and therapeutic uses of Beta – blockers.
2. Classify corticosteroids. Discuss in detail about the pharmacological actions, adverse effects and therapeutic uses of them.

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

3. Inhalational anaesthetics.
4. Coagulants.
5. Opioid analgesics.
6. Adverse drug reactions.

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

7. Furosemide.
8. Diazepam.
9. Lignocaine.
10. Rifampicin.
11. Penicillins.
12. Anti HIV drugs.
13. Insulin preparations.
14. Immunosuppressants.
15. Vitamin D.
16. Enzymes in Therapeutics.