

Sl.No. M19342

Course Code: 3290202

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

**DIPLOMA IN OPERATION THEATRE TECHNOLOGY AND
ANAESTHESIA TECHNOLOGY EXAMINATION**

March 2019

Second Year

CLINICAL PHARMACOLOGY

Time: Three hours

Maximum: 75 marks

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

1. What is reversal agent? Explain the dose, mode of administration, metabolism, excretion of neostigmine.
2. Classify inhalational gases used in anesthesia. Write dose, metabolism and complications of Sevoflurane.

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

3. What is broncholytic agent? Give one example. Write its pharmacological action.
4. Bupivacaine and its clinical use.
5. Need of atropine as premedication.
6. List the emergency drugs used in OT. Write importance of corticosteroids in emergency management.

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

7. What is beta blocker? How does it act?
8. Lorazepam and its dose.
9. Write regarding Adrenaline mode of administration, dilution and doses.
10. Define diuretics. Classify the diuretics. Give one example for each.
11. When using Thiopentone sodium what are all the points to remember?
12. Ondansetron and its use.
13. What is H₂ blocker? Give an example and how it acts?
14. Suxamethonium and its pharmacological action.
15. Ketamine and its pharmacological action.
16. What is anti-arrhythmics? Write about it.
