

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

**B.SC (ANAESTHESIA TECHNOLOGY) DEGREE
EXAMINATION August 2019
Second Year**

INTRODUCTION TO ANAESTHESIA TECHNOLOGY

Time: Three hours

Maximum: 75 marks

- I. Write an Essay on any **ONE** of the following: (1 x 20 = 20)
1. Write a note on artificial air ways oral and nasal enotracheal tube, indications for use, care and complication.
 2. Write about the classification of breathing system. Describe mapleson system in detail, advantages and disadvantages of mapleson system, also brief note on leaning and sterilization of mapleson system.
- II. Write short notes on any **TWO** of the following: (2 x 10 = 20)
3. External drugs to be used in the operation theatre.
 4. Types of resuscitator bag.
 5. O₂ flush.
 6. Preanesthetic assessment of a patient .
- III. Write short answers on any **SEVEN** of the following: (7 x 5 = 35)
7. Clinical signs of hypoxemia.
 8. Pressure regulators.
 9. Capnography.
 10. Simple oxygen administration device.
 11. Flow Restricturs.
 12. States of matter.
 13. Cylinder storage.
 14. Hazards of vaporizer .
 15. Pin index system.
 16. Safety features in cylinders.