

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

B.SC (ANAESTHESIA TECHNOLOGY) DEGREE
EXAMINATION February 2020
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. Define oxygen therapy? Causes of hypoxemia, clinical signs and add a note on goals of oxygen therapy?
 2. Describe following related of face masks
 - a) Parts
 - b) Types
 - c) Uses
 - d) Difficult mask ventilation
 - e) Cleaning and sterilization of face masks.
- II. Write short notes on any **TWO** of the following: (2 x 10 = 20)
3. Clinical signs of hypoxemia.
 4. Simple oxygen administration device.
 5. Hanger and yoke system.
 6. Ten golden rules of anesthesia.
- III. Write short answers on any **SEVEN** of the following: (7 x 5 = 35)
7. Pulse oximeter.
 8. Protocol for tracheotomy decannulation.
 9. Intravenous anesthetic agent.
 10. Capnography.
 11. Cylinder storage.
 12. Gas laws.
 13. Colour coding for medical gas supply.
 14. Hazards of vaporizer.
 15. Pin index system.
 16. Jackson Rees system of Bain circuit.
