

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

DIPLOMA IN OPERATION THEATRE TECHNOLOGY AND
ANAESTHESIA TECHNOLOGY EXAMINATION

March 2019

Second Year

PRINCIPLES OF ANAESTHESIA

Time: Three hours

Maximum: 75 marks

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

1. What is ETT? Describe the advantages and disadvantages of ETT.
2. What is ventilator? Explain in detail the working principles of anaesthesia ventilator.

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

3. Methods of humidification.
4. Endotracheal tubes
5. Classification of breathing system.
6. Soda lime indicators

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

7. Pressure regulator.
8. Colour coding and its importance.
9. Pulse oximetry.
10. Dyspnoea.
11. Gas piping system.
12. The circle system.
13. Cuff system.
14. Cylinder pressure gauge.
15. Ambu Valve.
16. Capnography.