

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

**DIPLOMA IN OPERATION THEATRE TECHNOLOGY AND  
ANAESTHESIA TECHNOLOGY EXAMINATION - February 2020  
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. Explain in detail Anaesthesia ventilator and its working principle.
2. Explain the monitoring system and components in operation theatre.

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

3. LA pressure.
4. Compressed gas cylinder.
5. Pulse oximetry.
6. Flow meter assembly.

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

7. The circle system
8. History of anaesthesia.
9. Mallampatti score
10. Ambu valve.
11. Soda lime.
12. Colour coding.
13. ECG
14. Defibrillator.
15. Central venous pressure
16. Mapelson system.

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