

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.D. DEGREE EXAMINATION - October 2018

ANAESTHESIOLOGY

PART II - PAPER I : MEDICINE APPLIED TO ANESTHESIOLOGY

Time: Three hours

Maximum : 100 Marks

Answer ALL questions

SECTION - A

Write essays on :

(1 x 20 = 20)

1. Describe pathophysiology progression, preoperative evaluation and anaesthetic implication of aortic stenosis.

Write short notes on :

(5 x 6 = 30)

2. Hypoxia
3. Negative pressure pulmonary oedema
4. Diabetic autonomic neuropathy
5. Methods to reduce intracranial pressure
6. Hepato- pulmonary syndrome

SECTION - B

Write essays on :

(1 x 20 = 20)

7. Portal hypertension and management of a patient with haematemesis

Write short notes on :

(6 x 5 = 30)

8. Malignant hyperthermia
9. Hyperbaric oxygen therapy
10. Pulmonary embolism
11. Myasthenia gravis
12. Causes of perioperative arrhythmias and its prevention
