

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

**M.D. DEGREE EXAMINATION - October 2018**

**ANAESTHESIOLOGY**

**PART II - PAPER III  
ANAESTHESIOLOGY INCLUDING CRITICAL CARE AND  
RECENT ADVANCES IN ANAESTHESIOLOGY**

Time: Three hours

Maximum : 100 Marks

**Answer ALL questions**

**SECTION - A**

**Write essays on :**

**(1 x 20 = 20)**

1. Discuss the anaesthetic management and post-operative care for patient undergoing posterior cranial fossa surgery for evacuation of meningioma

**Write short notes on :**

**(6 x 5 = 30)**

2. Intra operative monitoring in liver transplant surgeries
3. NAVA (Neurally adjusted ventilator assist)
4. Extubation criteria in ICU
5. Cardiac specific biomarkers
6. OPC poisoning

**SECTION - B**

**Write essays on :**

**(1 x 20 = 20)**

7. A morbidly obese 40 yr old patient weighing 110kg is to be posted for laparoscopic bariatric surgery. Discuss the anaesthetic implications and post – operative management

**Write short notes on :**

**(6 x 5 = 30)**

8. Xenon
9. Autologous blood transfusion
10. Patient controlled analgesia
11. Uses of nitric oxide
12. Continuous renal replacement therapy

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