

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**(A DEEMED TO BE UNIVERSITY)****Post Graduate Degree Examination – May - 2013****Time : 3 Hrs.****[Max. Marks : 100]****M.D ANAESTHESIOLOGY****PAPER - I****Q.P Code :3301***Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****2 X 20 = 40 Marks**

1. Describe the anatomy of bronchopulmonary segments with the help of a diagram.
Discuss the pulmonary function tests.
2. Discuss the pharmacology of various drugs used for controlled hypotension. What are the demerits of controlled hypotensive anaesthesia.

SHORT ESSAY**6 X 10 = 60 Marks**

3. 16th October 1846 (Ether's day)
4. Venturi principle.
5. Pharmacology and clinical utilization of heparin.
6. Cholinergic Crisis.
7. Carbondioxide (CO₂).
8. Change brachial plexuses.

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M.D ANAESTHESIOLOGY

PAPER - II

Q.P Code :3302



Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. A 70 year old man with permanent pacemaker is posted for a gastrectomy How do you prepare and anaesthetise him?
2. Enumerate the anatomical and physiological changes in pregnancy. What are their anaesthetic implications?

SHORT ESSAY

6 X 10 = 60 Marks

3. Cannot Ventilate and cannot intubate situation.
4. I gel.
5. Capnogram.
6. Magnesium sulphate- indications, toxicity.
7. Bone cement.
8. Strabismus – anaesthetic implications.

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1. What is tracheo – oesophageal fistula? What are the types? Discuss the anaesthetic management of a neonate posted for correction of tracheo-oesophageal fistula?
2. Discuss the functions of thyroid gland and anaesthetic management of huge toxic goitre removal.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Post tonsilectomy bleeding.
4. Drugs used for dental blocks.
5. Causes of anaemia in renal failure.
6. Vitamin K.
7. Wrist block.
8. Renal clearance of drugs.

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M.D ANAESTHESIOLOGY

PAPER - IV

Q.P Code :3304



Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Define brain death. Discuss the associated medicolegal aspects.
2. Discuss care of a patient in critical care unit.

SHORT ESSAY

6 X 10 = 60 Marks

3. Ultrasonography in anaesthesia.
4. Hyperbaric oxygen.
5. Sufentanyl.
6. Video-laryngoscopy.
7. Simulators in anaesthesia.
8. Cerebral protection.

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