

Q.P CODE : 3301

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May 2011

Time : 3 Hrs.

[Max. Marks : 100]

M.D. ANESTHESIOLOGY

PAPER - I

*Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions*



LONG ESSAY

2 X 20 = 40 Marks

1. Describe the Anatomy and Physiology of neuromuscular junction. Discuss the methods of monitoring neuromuscular block.
2. Describe the causes of hypercapnia in anaesthetic practice. What are the effects of hypercapnia on various systems?

SHORT ESSAY

6X 10 = 60 Marks

3. Hypocalcaemia
4. Sir Ivan magill
5. Diabetic ketoacidosis
6. Desflurane
7. Venturi principle and its applications
8. Hepatorenal syndrome

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PAPER - II

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LONG ESSAY

2 X 20 = 40 Marks

1. Discuss Anaesthetic management of hypertensive patient for total hip replacement of right side.
2. A primigravida with pregnancy induced hypertension is for emergency caesarian section. Discuss the anaesthetic management.

SHORT ESSAY

6X 10 = 60 Marks

3. Bedside pulmonary function tests.
4. Hydrocephalus-problems for anaesthesiologist
5. Magnesium sulphate and anaesthesia
6. Non invasive ventilation
7. Preoperative optimisation of patient with bronchiectasis
8. Oculocardiac reflex

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Q.P CODE : 3303

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PAPER - III

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LONG ESSAY

2 X 20 = 40 Marks

1. A newborn infant with tracheo-oesophageal fistula is posted for corrective surgery.
Discuss perioperative anaesthetic management.
2. Discuss the preparation and management of a renal transplant recipient

SHORT ESSAY

6X 10 = 60 Marks

3. Hellp syndrome
4. Three in one block
5. Total intra venous anaesthesia
6. Sugamadex
7. Nitric oxide in anaesthesia
8. Post operative hypoxia

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PAPER - IV

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LONG ESSAY

2 X 20 = 40 Marks

1. Total parenteral nutrition in intensive care unit
2. Describe pain scoring systems. Discuss pain relief for eight year old child for hypospadias repair.

SHORT ESSAY

6X 10 = 60 Marks

3. Post operative cognitive disturbances in elderly patient
4. Hyperkalemia
5. Role of Dobutamine
6. External cardiac compressions
7. Discharge criteria for ambulatory surgery
8. Role of combitube in resuscitation

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