

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – May - 2016

Time : 3 Hrs.

[Max. Marks : 100]

M.D ANAESTHESIOLOGY

PAPER - I

Q.P Code : RS 3301

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Describe Broncho pulmonary segments with suitable diagrams and implications in anaesthesia practice.
2. Describe in detail the placental transfer of drugs and its importance in anaesthesia practice.
3. John snow.
4. Air embolism-detection and treatment.
5. Mention the various methods of oxygen administration of patients.
6. Methods of administering Ether in anaesthesia and its present status.
7. Oxygen dissociation curve.
8. Opioid receptors and their actions.
9. Hyperkalaemia.
10. SCUBA diving.

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M.D. ANAESTHESIOLOGY

PAPER - II

Q.P Code :RS-3302

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Write about the anaesthetic management of 30 year old male with moderate mitral valve stenosis posted for emergency fixation of fracture humerus.
2. What is total parenteral nutrition and add a note on its complications.
3. A 75 year old patient is posted for hemireplacement arthroplasty. Discuss the preop evaluation, anaesthetic management of this case.
4. Discuss the anaesthetic management of squint surgery.
5. Write about Glasgow coma scale. What is its importance for the anaesthesiologist.
6. Discuss the anaesthetic management of an elderly patient with history of recent myocardial infraction posted for strangulated hernia repair.
7. What is cardioplegia? Discuss cardioplegic solutions used in CABG.
8. Describe briefly about anaesthetic problems in the management of patient with posterior cranial fossa tumour posted for craniotomy in sitting position.
9. Describe the anaesthetic management of young female with jaundice brought for twisted ovarian tumour.
10. Discuss the preoperative evaluation and preparation of the chronic smoker with empyema posted for left lower lobectomy.

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M.D. ANAESTHESIOLOGY

PAPER - III

Q.P Code :RS-3303

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Describe the preoperative evaluation, preparation, intra and post operative management of full term male baby with congenital diaphragmatic hernia, posted for surgery.
2. Discuss the preoperative evaluation and anesthetic management of patient with uncontrolled diabetes mellitus, posted electively for Transurethral Resection of the Prostate (TURP).
3. Intravenous induction agents in out patient anesthesia.
4. Post tonsillectomy bleeding-anesthetic management.
5. Supraclavicular brachial plexus nerve block.
6. Prevention of hypothermia in pediatric patient under anesthesia
7. Identification and management of postoperative cognitive dysfunction following anesthesia in geriatric patient .
8. Induced hypotension in ENT surgeries.
9. Thyroid storm - intraoperative identification and management.
10. Anaesthetic drug metabolism in liver cirrhosis patient .

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M.D. ANAESTHESIOLOGY

PAPER - IV

Q.P Code :RS-3304

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

LONG ESSAY

10X 10 = 100 Marks

1. What is ARDS? Briefly mention pathophysiology and discuss the ventilatory strategies.
2. What is chronic pain? What modalities of pain relief are utilized for cancer pain?
3. Methods of administering oxygen therapy.
4. Neurolytic blocks in cancer pain management.
5. Parenteral nutrition in critically ill patients.
6. Trigeminal neuralgia.
7. Complex regional pain syndrome.
8. Airway pressure release ventilation (APRV)
9. Acute barbiturate poisoning.
10. Transfusion associated lung injury.

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