Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ANAESTHESIOLOGY

PAPER – II (Revised Scheme)
Q.P. CODE: 7012

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the anaesthetic concerns and perioperative management goals in a patient with mitral stenosis with a valve area of 1.2 cm^2 scheduled for bilateral inguinal hernioplasty. With the aid of a neatly labeled diagram, add a note on changes expected in various chambers of heart and great vessels in this patient.
2. Discuss the pathophysiology of one lung ventilation in an anaesthetized and paralysed patient. Add a note on different lung isolation techniques.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Indications and complications related to haemodialysis.
4. Anaesthetic considerations and optimization plan for a patient scheduled for laparoscopic cholecystectomy diagnosed incidentally to have elevated liver enzymes.
5. A 3-year old child with foreign body bronchus is scheduled for retrieval of the same. Discuss your anaesthetic concerns and management plan for the same.
6. Pregnancy induced hypertension.
7. Cerebral protection techniques
8. Intravenous regional anaesthesia

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Your answers should be specific to the questions asked
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LONG ESSAYS **2 x 20 = 40 Marks**

1. Anaesthetic management of a 40-year old male patient with chronic kidney disease scheduled as a recipient of renal transplant surgery.
2. Anaesthetic management of a 56-year old patient diagnosed to have pancreatic malignancy manifesting with obstructive jaundice scheduled for Whipple's procedure.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Stress tests for evaluation of ischaemic heart disease.
4. Anaesthetic management of a 2-year old child recovering from recent upper respiratory tract infection scheduled for herniotomy.
5. Anaesthetic management of an adult patient scheduled for ventriculo-peritoneal shunt.
6. Anaesthetic management of an adult patient with bronchial asthma scheduled for laparoscopic cholecystectomy.
7. Discuss the aetiopathogenesis of oculocardiac reflex in squint surgery. Add a note on the role of medications for prevention and treatment of the same.
8. Transurethral resection of prostate

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – MAY 2015

[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN ANAESTHESIOLOGY (D.A)
PAPER – III (Old Scheme)

Q.P. CODE: 7003

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. What are the recent advances in non-invasive ventilation techniques? Discuss the ideal conditions to wean a patient of COPD who was put on ventilator for type II respiratory failure.
2. Discuss the indications and techniques of Day Care Anaesthesia practice. Describe PADSS (Post Anaesthesia Discharge Scoring System).

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

3. Write briefly on CLADS (Closed Loop Anaesthesia Delivery System).
4. Discuss briefly about the steps of neonatal resuscitation.
5. Write briefly on cardioversion and defibrillation in anaesthesia practice.
6. Write a note on management of thyrotoxic patient posted for subtotal thyroidectomy.
7. Le Fort – II fracture and its anesthetic and related management
8. Write briefly on operative room pollution, its hazards and control.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – MAY 2015

[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – III (Revised Scheme)

Q.P. CODE : 7013

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. Discuss the Management of Organophosphorous poisoning in ICU.

2. Discuss the preanesthetic evaluation, preparation and anaesthetic management of a patient with thyrotoxicosis.

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

3. Jet Ventilation
4. APACHE score
5. Oxygen delivery devices
6. Oral hypoglycemic agents
7. Prone ventilation
8. Methods used to prevent infection in ICU.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – III (Revised Scheme)

Q.P. CODE : 7013

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. Discuss the suitable Anesthetic technique for Trans urethral Resection of Prostate. How will you manage complications.
2. Discuss the anaesthetic management of post tonsillectomy bleeding in a child.

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

3. Oxygen therapy
4. Management of diazepam overdose.
5. Jehovah's witnesses
6. Cardioversion
7. Aspiration pneumonitis
8. Causes of hypotension during anaesthesia

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN ANAESTHESIOLOGY (D.A)
PAPER – III (Old Scheme)

Q.P. CODE: 7003

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. Discuss the etiopathology and pathophysiological changes in malignant hyperthermia. Describe the anaesthetic management of a patient with a known family history of MH posted for emergency laparotomy.
2. Discuss the physiological changes in Obesity. What are the recent advances in operation theatre and anaesthesia equipments in managing patients who are Ultra obese with BMI more than 70?

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

3. Write a note on non invasive ventilation in ICU and its advantages / disadvantages as compared to conventional ventilation.
4. Discuss the causes of postoperative nausea and vomitting, its complications and recent advances in the management.
5. Discuss the occupational hazards for health workers in operation theatre and advocate prophylactic measures.
6. What is Bombay blood group? Write briefly on complications of blood transfusion in general.
7. Write a note on management of a 85 year old man posted for TURP.
8. Write a note on management of a patient with diabetic ketoacidosis posted for emergency below knee amputation of leg.

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