Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – MAY 2017

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – I (Revised Scheme)

Q.P. CODE : 7011

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 of Broncho-Pulmonary segments with diagram.

2. Describe the anatomy and physiology of coronary circulation with diagram.

SHORT ESSAY 6 X 10 = 60 Marks

3. Extradural space.
4. Capnography
5. Pulmonary arterial wedge pressure
6. Horace Wells
7. Renal function tests
8. Importance of Albumin: Globulin ratio in Anaesthesia

Rajiv Gandhi University of Health Sciences

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Post Graduate Diploma Degree Examination – MAY 2017

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 preoperative evaluation, optimisation and anaesthetic management of a 65 year old patient with chronic obstructive pulmonary disease scheduled for total gastrectomy.
2. Enumerate the physiological changes occurring in pregnancy. How do you evaluate a term pregnant with severe preeclampsia scheduled for caesarean section?

SHORT ESSAYS 6 x 10 = 60 Marks

3. Spinal cord monitoring in spine surgery

4. Measures to reduce intracranial pressure intraoperatively

5. Treatment of intraoperative myocardial ischaemia

6. Anaesthetic considerations in ‘open-eye (penetrating eye injury), full stomach’ situation

7. Hepatorenal syndrome

8. Preoperative sedation in children

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Post-Graduate Diploma Examination - < < > >

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

DIPLOMA IN ANESTHESIOLOGY (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.

LONG ESSAY 2 X 20 = 40 Marks

1. How do you anesthetise a patient with phaeochromocytoma posted for removal of the tumor & discuss the problems faced by the anesthetist.
2. How do you manage a case of acute organophosphate insecticide poisoning.

SHORT ESSAY 6 X 10 = 60 Marks

3. ACLS (Advanced cardiac life support)
4. Anaesthesia in the rural set up
5. Percutaneous tracheostomy
6. Thyroid crisis
7. Fat embolism
8. Conscious sedation

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – NOVEMBER 2017

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – I

Q.P. CODE : 7011

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

Answer all the Questions 10 X 10 = 100 Marks

1. Describe the anatomy of typical intercostal nerve with diagram. Add its significance in anaesthesia practice.
2. Describe the anatomy of larynx and its innervation in detail.
3. Compare TIVA with inhalation anaesthesia.
4. Liver functions tests.
5. Cerebro spinal fluid.
6. Poiseuilles's law.
7. Enflurane.
8. PONV.
9. Draw schematic diagrams of various types of Mopleron's Breathing Circuits. Give the functional analysis, advantages and disadvantages of Bain circuit.
10. Anaesthetic implications of prone position.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - NOV 2017

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

DIPLOMA IN ANESTHESIOLOGY (D.A)

PAPER – II

Q.P. CODE : 7012

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

Answer all the Questions 10 X 10 = 100 Marks

1. Discuss the anesthetic management of a female patient with PET (pre-ecclemptic toxemia) posted for emergency caesarean section.

2. Discuss the anesthetic management of a COPD (chronic obstructive pulmonary disease) patient, who had fracture of left humerus bone posted for surgery.

3. Laryngeal spasm.

4. Day care surgery role of anesthetist.

5. Obesity.

6. Apgarscore.

7. Triple airway maneouver.

8. Post spinal headache.

9. Anaesthetic implications of LASER surgeries.

10. Causes and management of postoperative shivering.

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Rajiv Gandhi University of Health Sciences

Post Graduate Diploma Degree Examination – NOV - 2017

Time: Three Hours Max. Marks: 100 Marks

DIPLOMA IN ANAESTHESIOLOGY

PAPER – III

Q.P. CODE: 7013

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer all the Questions 10 x 10 = 100 Marks

1. Define respiratory failure. What are the types of respiratory failure? Write a note on permissive hypercapnia.
2. Discuss the steps of basic life support in a patient aged 45 years who had a cardiac arrest. Write the algorithm for pulseless electrical activity.
3. Describe the mechanism and management of pain in trigeminal neuralgia.
4. Describe the components of early goal directed therapy in the management of sepsis.
5. Discuss the indications and clinical use of packed red cells, platelet concentrates and fresh frozen plasma.
6. Lumbar sympathetic block.
7. Discuss the anaesthetic implications and management of an 18 year old girl presenting with a large submandibular gland abscess.
8. Define brain death. Discuss the criteria to establish brain death.
9. Describe the uses of ultrasound in modern anaesthesia practice.
10. How do you prevent, recognize and manage a case of air embolism during neurosurgery?

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