7011_2009_1_S153

Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

[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. Define cardiac cycle. Enumerate the phases of cardiac cycle. Explain franc-starling relationship of the heart with the help of a graph

2. Explain the formation and course of brachial plexus. Enumerate the different approaches of brachial plexus block. Explain axillary brachial plexus block with the help of a diagram showing the relationships of the nerves blocked.

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

3. Compare and contrast: sevoflurane and isoflurane. Discuss the nephrotoxicity of sevoflurane.

4. Classification of vaporizers, compare TEC 4 with TES 5 vaporizer

5. Explain zero-order and first-order kinetics of drugs with appropriate examples and anesthetic implications.

6. Bedside pulmonary functions tests

7. Sir Ivan Magill

8. Draw hemoglobin oxygen dissociation curve and enumerate the conditions causing shift of the curve to the either side.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – II (Revised Scheme)

Q.P. CODE : 7012

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 special anesthetic consideration for a posterior cranial fossa surgery? Discuss the merits and demerits of sitting position for the surgery
2. Mention the advantages of regional anesthesia for caesarian section. What are the causes for reduced local anesthetic requirement in pregnancy? Write briefly on aorto-caval compression during pregnancy.

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

3. Oculocarediac reflex
4. Fluid management in a 4 year old child weighing 21 kgs
5. Continuous renal replacement therapy
6. Pulmonary artery catheter
7. Peripheral nerve injury in orthopedics
8. One lung ventilation.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

[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 pathophysiology of pregnancy induced hypertension. How do you manage such cases coming for elective caesarean section.
2. Define respiratory failure. What are the types of respiratory failure? Write a note on "permissive hypercapnia"

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

3. Management of snake bite
4. Recruitment maneuvers
5. Thyroid storm
6. Early goal directed therapy in sepsis
7. Tracheostomy
8. Anesthesia for MRI

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – I (Old Scheme)

Q.P. CODE : 7001

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 bronchopulmonary segments & its clinical importance
2. Describe crystalloid fluids used, in peri operative fluid therapy

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

3. Frank Starling Curve
4. Sevoflurane
5. Remifentanyl
6. Glycated haemoglobin
7. Osmolarity and osmolality
8. Rocuronium

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2010

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)

PAPER – II (Old Scheme)

Q.P. CODE : 7002

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. Write in detail about causes and Pathophysiology of hypotension under anaesthesia & management
2. Anaesthetic management of fracture of cervical spine posted for surgery

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

3. Use of sevoflurane with sodalime
4. Third space loss
5. Standard base excess
6. 'TURP' syndrome
7. Opiate receptors
8. Isoprenaline

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2010

[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. Describe the Anaesthetic management of laryngectomy
2. Describe the intensive care management of organo phosphate compound poisoning

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

3. Functions of nose
4. Prothrombin Time
5. Sodium bicarbonate
6. Pressure support ventilation
7. Pain clinic
8. Intra Aortic Balloon Pump (I A B P)

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