Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

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

ANAESTHESIOLOGY

PAPER – II (Revised Scheme)

Q.P. CODE: 7292

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. How would you evaluate and manage a 70 yrs male with rheumatoid arthritis scheduled for total hip replacement
2. Describe the management of a primigravida (36 weeks of gestation) with abruption placenta (anticipated blood loss 1 lit) posted for emergency cesarean section. Normal fetus with heart rate 160 beats/min.

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

3. Walking Epidural
4. Supine hypotension syndrome
5. Pressure volume curve of the lung
6. Cardioplegia
7. Triple "H" therapy for neurosurgical patients
8. Centrifugal pump

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

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

ANAESTHESIOLOGY

PAPER – I (Revised Scheme)

Q.P. CODE: 7291

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 is mean body temperature? Discuss the relevance of interthreshold range in reference to general anaesthesia.
2. How is neuromuscular monitoring setup in a patient? Explain its clinical utility in the assessment of neuromuscular block.

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

3. Venturi effect
4. Minimum alveolar concentration
5. Compare Adrenaline and Vasopressin
6. Differentiate between Elimination and Clearance of intravenous agent
7. Etomidate
8. Ketoacidosis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

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

ANAESTHESIOLOGY

PAPER – III (Revised Scheme)

Q.P. CODE: 7293

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 anaesthetic implications and management in a neonate with diaphragmatic hernia
2. How is a patient with vocal cord polyp evaluated for micro laryngeal surgery? Discuss the various anaesthetic techniques of micro laryngeal surgery

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

3. Desflurane versus sevoflurane for outpatient anaesthesia
4. Thyroid storm
5. Transtracheal jet ventilation
6. Transversus abdominis plane block
7. Hepato-renal syndrome
8. Anticoagulants and central neuraxial block

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

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

ANAESTHESIOLOGY

PAPER – I (Revised Scheme)

Q.P. CODE: 7291

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 with the help of diagrams the nerve supply of larynx and the various implications associated with nerve palsy?
2. Describe the role of central and peripheral chemoreceptors in regulation of respiration

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

3. Liquid oxygen
4. Capnography
5. Pseudocholinesterase
6. Amiadarone
7. Spinal needles
8. Contraindications to thiopentone

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

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

ANAESTHESIOLOGY

PAPER – II (Revised Scheme)

Q.P. CODE: 7292

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 briefly monitoring and its relevance that is undertaken for an open heart procedure
2. Describe the anaesthetic management of a healthy adult with a hydatid cyst in the liver

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

3. Mendelsen's syndrome
4. Glasgow coma scale in adults and children
5. Hypertonic saline
6. Apgar score
7. Paracervical block
8. Oculocardiac reflex

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

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

ANAESTHESIOLOGY

PAPER – III (Revised Scheme)

Q.P. CODE: 7293

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 common anaesthetic management and common problems encountered in children in less than one year for cleft palate repair
2. Discuss the anaesthetic management of an uncontrolled diabetic patient for emergency below knee amputation

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

3. Myxoedema
4. End stage renal failure
5. Intrathecal Narcotics
6. TURP Syndrome
7. Effect of halothane on Liver
8. Brain death and its documentation

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

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

ANAESTHESIOLOGY

PAPER – IV (Revised Scheme)

Q.P. CODE : 7294

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 preoperative evaluation of a patient with coronary artery disease scheduled for elective herniorraphy
2. Discuss management of intraoperative bronchospasm that has occurred after endotracheal intubation in a patient with history of bronchial asthma

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

3. Selective decontamination of digestive tract
4. Neuromodulators
5. Differentiate between cobra and viper snake bite
6. Tests of coagulation
7. Hypotensive anaesthesia
8. Electrocautery and pacemaker

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