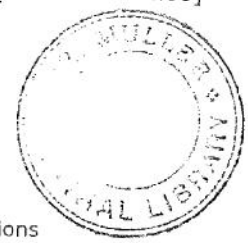
Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - October 2009

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. Temperature regulation in adult and neonate, significance to anaesthetist
2. Celiac plexus – Anatomy, Block indications and complications

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

3. Propofol
4. Evaluation of reducing valves
5. Serum proteins – clinical relevance and anaesthetic significance
6. Pathophysiology of rheumatic heart disease
7. ET_{co2} (End tidal Corbon Dioxide)
8. R.M Waters

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2009

[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 briefly anatomy of coronary circulation. What are the physiologic factors that after blood flow in the circulation

2. Discuss the various factors that affect the uptake and distribution of inhalational anaesthetics

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

3. Venture principle and its application in anaesthesia practice

4. Arthur E. Guedel

5. Hypokalaemia

6. Cholinergic antagonist

7. Fat embolism

8. Bronchial blockers

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2009

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

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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. Discuss the problems of anaesthetic management of patient with pre-eclampsia for elective caesarian section

2. A 14 year old girl with thoracolumbar scoliosis is scheduled for posterior spinal fusion of 10 vertebral segments. Discuss its evaluation, anaesthetic management and post operative care

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

3. Occulo Cardiac Reflex
4. Cardioplegia
5. Tension pneumothorax
6. Factors controlling cerebral blood flow
7. Anaemic hypoxia
8. Bicarbonate buffer system

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2009

[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 coagulation pathways and management of a patient in disseminated intravascular coagulation

2. A 35 year old female of thyroid swelling with hyperthyroidism admitted for thyroidectomy Discuss preoperative preparation and anaesthetic management

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

3. Oxygen flux

4. Hepato renal syndrome

5. Temperature regulation in children

6. Nerve blocks for cataract surgery in elderly patient

7. Sedation in dental surgery

8. Calcium channel blockers

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2009

[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. What is an intensive care unit? How do you plan it for 1000 bed hospital? Role of anaesthetist init

2. Discuss the role of an anaesthetist in mass casuality like earth quake

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

3. NIPPV
4. Weaning mode of ventilation
5. Brain death
6. Role of cortico steroids in medicine
7. Humidifiers
8. Status asthamaticus – management

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