

Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – MAY 2017

Time: Three Hours

Max. Marks: 100 Marks

**MD ANAESTHESIOLOGY**

**PAPER – I (Revised Scheme)**

**Q.P. CODE: 7291**

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

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. What is 'dead space' in respiratory physiology? Describe the pulmonary distribution of perfusion and ventilation.
2. Mention the routes of administration of Ketamine with their respective doses. Describe the pharmacokinetics of Ketamine. Add a note on adverse effects of Ketamine.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Anatomy of stellate ganglion
4. Hepatic blood flow and hepatic arterial buffer response
5. Renin angiotensin aldosterone system
6. Bispectral index monitoring
7. Diffusion hypoxia
8. Arthur Guedel's contribution to anaesthesia

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# Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY 2017

[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 the anaesthetic management of postpartum haemorrhage with retained placenta posted for manual removal of placenta
2. Describe the effects of anaesthetic drugs on intraocular pressure? What methods are adopted to prevent the rise of intraocular pressure during intraocular surgery?

#### SHORT ESSAY

**6 X 10 = 60 Marks**

3. Anaesthetic implications of cervical spine injury
4. Ion trapping in foetus
5. Peribulbar block
6. Systemic effects of tourniquet application
7. Entonox
8. Intracranial pressure monitoring

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Rajiv Gandhi University of Health Sciences  
M.D. Degree Examination - <<>>

[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. Describe the management of an infant with foreign body aspiration posted for bronchoscopy
2. Describe an external defibrillator and the steps to perform defibrillation. How does automated external defibrillator differ from the conventional defibrillator?

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Anaesthetic technique for upper gastrointestinal endoscopy on out patient basis
4. Intra-abdominal pressure
5. Indications for haemodialysis
6. Glossopharyngeal nerve block
7. Thromboelastography (TEG)
8. Intraoperative glycemic control

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**Rajiv Gandhi University of Health Sciences**  
**M.D. Degree Examination - JUNE 2017**

[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. Explain systemic inflammatory response syndrome
2. Non – invasive ventilation

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Gabapentene
4. Operation theatre pollution
5. N – Acetyl cysteine
6. WHO analgesia ladder
7. Sedation score
8. Ventilator associated pneumonia

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