Rajiv Gandhi University of Health Sciences, Karnataka

Post-Graduate Diploma Examination – 07-Jul-2023

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

DIPLOMA IN ANAESTHESIOLOGY
PAPER – I (RS-2/RS-3)
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. Briefly write about lumbar plexus and explain the technique of lumbar plexus block.
2. Explain coronary perfusion pressure and coronary steal.
3. Hepatic blood flow and factors affecting hepatic blood flow under anaesthesia
4. Explain the terms peripheral and central volume of distribution, explain the implication.
5. Oxygen dissociation curve and factors affecting it
6. Pulmonary function tests
7. Functional analysis Jackson-Rees circuit
8. Bernoulli's principle and its application in anaesthesia
9. Arthur Guedel and his contribution to Anaesthesia
10. Noradrenaline mechanism of action, clinical indications, dose and complications

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Post-Graduate Diploma Examination – 10-Jul-2023

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

DIPLOMA IN ANAESTHESIOLOGY (D.A)
PAPER – II (RS-2/RS-3)
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. 24 year old Mitral Stenosis patient posted for Emergency LSCS for **Foetal** distress. Discuss Anesthetic management.
2. 60 year old Coronary Artery Disease Patient on antiplatelet agents posted for obstructed inguinal hernia repair. Discuss anesthetic management.
3. Newer injectable anti coagulants and their influence in anesthetic management.
4. Control of Intracranial Pressure and Brain relaxation.
5. Post operative delirium.
6. Malignant Hyperthermia.
7. Fat embolism.
8. Regional Techniques for ophthalmic surgeries.
9. End Tidal Carbon di oxide monitoring.
10. Celiac plexus block and its complications.

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Post-Graduate Diploma Examination - 12-Jul-2023

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

DIPLOMA IN ANESTHESIOLOGY (D.A)
PAPER – III (RS-2/RS-3)
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. Describe the anesthetic management of six year old boy with post tonsillectomy bleeding as an emergency.
2. Describe in detail the anesthetic challenges in a 65 year old patient with diabetes mellitus.
3. Anaesthesia for six year old boy for MRI.
4. Double lumen Endo tracheal tubes and their indications.
5. 26 year old male consumed organophosphorous compound an hour before and admitted in emergency room with convulsions. Discuss the management.
6. Epidural Labour Pain relief.
7. Laryngeal Mask airway and its modification.
8. Sevoflurane.
9. Ventricular fibrillation.
10. Hyponatremia.

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