

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - June/July 2020

Time : 3 Hrs

Max Marks : 100

DIPLOMA IN ANAESTHESIOLOGY (D.A)

Paper-I

QP Code: D2151

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Define critical temperature, critical pressure & critical flow
2. What is Filling ratio and splitting ratio, write briefly about its applications
3. Explain Raw Botham Vaporizer
4. Compare about properties and pharmacological profile of Desflurane
5. Classify Supra Glottic Airway Devices. Write in brief about indication & contra indications
6. Uses of Magnesium and its implication in anaesthesia
7. Describe the anatomy of diaphragm with a neat diagram Discuss its role as a principle muscle of respiration
8. Describe wrist block with a neat diagram
9. Describe The stimulus, effect and mechanism in Cushing`s reflex.
10. What is Malignant hyperthermia and what the causes and various management of it

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Paper-II QP Code: D2152

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LONG ESSAY

10 X 10 = 100

1. Explain Paroxysmal supraventricular tachycardia.
2. Describe the anatomy and electrophysiology of cardiac pacemakers and the conduction systems. Give an account of the anti-arrhythmic drugs.
3. What is COPD? How will you manage Oxygenation and pain in the post-operative period in a COPD patient coming for upper abdominal surgery?
4. What is dead space in pulmonary physiology. Write in detail about perfusion and ventilation of lung.
5. Write a note on anti hypertensives used in Pregnancy Induced Hypertension. Describe magnesium sulphate and its anaesthetic implications.
6. What is Supine hypotension syndrome. Where it is seen and how it can be prevented
7. Discuss various methods of inhalational induction in paediatric patient. Enumerate the causes, preventive measures and management of upper airway obstruction during induction in paediatrics.
8. Describe different methods of Axillary Block
9. Anaesthesia for a renal transplant recipient from a live related donor
10. What is child-turcotte-pugh scoring system. Discuss the anaesthetic management of a 60 years old patient with chronic alcoholic liver disease posted for laparoscopic cholecystectomy

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DIPLOMA IN ANAESTHESIOLOGY (D.A)

Paper-III QP Code: D2153

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LONG ESSAY

10 X 10 = 100

1. Describe various Airway Blocks given for fibre optic intubation
2. Explain detail about Anesthesia for total laryngectomy.
3. Describe the pre-operative evaluation, preparation and anaesthetic management of a hyperthyroid patient, planned for sub-total Thyroidectomy.
4. Write in detail about Pheochromocytoma & perioperative management
5. How to perform Glucose tolerance test
6. Discuss about Anaesthesia in the elderly
7. Define day care anaesthesia and write in detail about discharge organization and post operative admonition for patient who underwent day care anaesthesia
8. Admission and discharge criteria in ambulatory anaesthesia
9. Discuss about Extra corporeal membrane oxygenation
10. Write in detail about the role of FAST and E-FAST scans during emergencies in ICU