

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - Apr/May 2019

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. Explain significance of Ether Dome
2. Discuss hagen -poiseuille equation ,why is it clinically relevant
3. What is cracking? What is its importance
4. Classify LMAs & elaborate the Advancements made in each generations
5. Discus about anti cholinergic drugs and their implications
6. Classify inhalational anaesthetic drugs and explain about Desflurane
7. Describe the anatomy and physiology of neuro muscular junction and write a note on Neuro Muscular transmission.
8. Define morbid obesity. What are the physiological changes and their anaesthetic implications.
9. Oxygen dissociation curve.
10. Describe briefly liver function tests and their anaesthetic importance.

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Paper-II QP Code: D2152

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LONG ESSAY

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1. Describe myocardial protection during cardiopulmonary bypass. Discuss hemodynamic and metabolic changes during aortic clamping and cross clamping.
2. Define and classify shock. Write a note on hypovolemic shock.
3. Describe the transport of carbon dioxide in blood. Explain Bohr, Double bohr and Haldane effect.
4. Factors affecting uptake and distribution of inhalational anaesthetic agents. Write a brief note on concentration and second gas effect.
5. Mention the advantages of regional anaesthesia for caesarean section. Causes for reduced local anaesthetic requirement in pregnancy.
6. Describe Hemolysis Elevated Liver enzyme Low Plate syndrome.
7. Describe the various methods used for Thrombo prophylaxis in orthopedic surgeries
8. What are the indications of caudal epidural in paediatric patient, describe techniques and its complications.
9. What is TURP Syndrome, write briefly about its management.
10. Write in detail about Anaesthesia for liver transplant

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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. A post of case of Tonsillectomy is posted for re-exploration. Write the pre-operative intra operative & post-operative management of post tonsillectomy bleed.
2. Discuss about various endotracheal Tubes used for Laser Surgery
3. Discuss different types of insulin and uses
4. Write in detail about Pheochromocytoma and perioperative management
5. Describe Eye signs in thyrotoxicosis
6. Explain perioperative problems in geriatric patients
7. Define day care anaesthesia and write the criteria for selecting day care anaesthesia
8. Define day care anesthesia and write detail about specific regional blocks formed in day care surgeries
9. Describe uses of Ultrasound in regional blocks
10. Define anaphylaxis and discuss the management of anaphylaxis following injection of antibiotic