

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - May 2018

Time : 3 Hrs

Max Marks : 100

DIPLOMA IN ANAESTHESIOLOGY (D.A)

Paper - I

Paper Code : RS-D3351

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Explain about August Bier
2. Define about working principles of pulse oximeter
3. Explain with a neat labeled diagram MacDoshi Blade
4. Describe with neat labeled diagram of different types of Laryngoscopes and its specific uses.
5. Classify newer insulins and its advantages
6. Explain sympathomimetic drugs and its role
7. Broncho pulmonary segments.
8. What are the minimal monitoring standards in anaesthesia.
9. Functional residual capacity
10. Write a note on hyperkalemia ' etiology, Clinical manifestations signs and its management.

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Paper - II

Paper Code : RS-D3352

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LONG ESSAY

10 X 10 = 100

1. Describe pre-operative evaluation and various cardiac risk indices in coronary artery disease.
2. Discuss the pharmacology of various drugs used for controlled hypotension. Demerits of controlled hypotensive anaesthesia.
3. Define respiratory failure. What are the types of respiratory failure? write a note on permissive hypercapnia.
4. Discuss about effects of cigarette smoking and pulmonary functions.
5. Describe anatomy of epidural space. Add a note on epidural labour analgesia.
6. Write a note on anti hypertensives used in Pregnancy Induced Hypertension. Describe magnesium sulphate and its anaesthetic implications.
7. A 55 year old patient is posted for knee Replacement. Explain the perioperative management of the patient with a brief note on post op pain management
8. Describe about regional anaesthesia in paediatrics.
9. Describe types of dialysis and write in detail about Hemodialysis .
10. Describe about Management of a patient with liver failure in the ICU

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Paper - III

Paper Code : RS-D3353

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LONG ESSAY

10 X 10 = 100

1. Explain the Anaesthetic management of a child posted for Cleft lip Palate
2. What is Apneic Oxygenation? Write in brief about its applications
3. What is Leak test and management of tracheomalacia
4. Describe Functions of Thyroid
5. Explain about Pre Anaesthetic Evaluation & Anaesthesia management for a case of pheochromocytoma excision
6. Write in detail about Pre Anaesthetic Evaluation and management of anaesthesia for hernia in a 80 years old male with Hypertension and Diabetes Mellitus
7. Write the advantages and disadvantages of both regional & general anaesthesia for day surgeries
8. Define day care anaesthesia and write in detail about perioperative monitoring of patients undergoing day care anaesthesia
9. Define phased array transducer and describe the role of trans thoracic echocardiography in ICU
10. Classify shock and discuss the newer modalities to evaluate intravascular volume status in a patient with sepsis