

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Diploma Examination – May 2016**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**DIPLOMA IN ANAESTHESIOLOGY (D.A)**

**PAPER I**

**Q.P Code : RS-D3351**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Describe the anatomy of the internal jugular vein. Enumerate the complications of central venous cannulation.
2. Describe the neuromuscular junction. Write a short note on eaton lembert syndrome.
3. Classify local anaesthetic agents. Describe the management of local anaesthetic systemic toxicity.
4. Describe the principles of pulse oximetry. What are the fallacies in clinical measurement of pulseoximetry.
5. Describe the tests for assessing renal function.
6. Hypoxic pulmonary vasoconstriction.
7. Explain with diagrams 'The cardiac cycle'.
8. Desflurane.
9. Propofol.
10. August Bier.

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**DIPLOMA IN ANAESTHESIOLOGY (D.A)**

**PAPER II**

**Q.P Code : RS-D3352**

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**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Discuss the differences in the airway of adult and pediatric patient.
2. Discuss the problems of various positions in neuroanesthesia and its management.
3. Enumerate the techniques that can be used for lung isolation during anesthesia and discuss the complications of one lung anesthesia and management.
4. Discuss the problems of anesthesia management in polytrauma patients including fractures of long bones.
5. Discuss the anesthetic problems in patients of mitral stenosis for mitral valvotomy.
6. Discuss hellp syndrome.
7. Discuss the anesthetic management of patients posted for hepatic injury.
8. Discuss the anesthetic implications of patient posted for nephrectomy.
9. Oculo cardiac reflex.
10. Discuss the complications of spinal anesthesia and its management.

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**DIPLOMA IN ANAESTHESIOLOGY (D.A)**

**PAPER III**

**Q.P Code : RS-D3353**

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*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Causes, prevention and management of postoperative hypoxia.
2. How will you evaluate autonomic dysfunction. Discuss briefly implications of autonomic dysfunction for anaesthesiologist.
3. Conscious sedation.
4. Newer spinal needles.
5. Acute normovolaemic haemodilution.
6. PEEP (Positive End Expiratory Pressure)
7. Oxygen cascade.
8. Desflurane.
9. Scavenging system.
10. PRO- SEAL LMA.

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