

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination –April / May 2015

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 with diagrams the anatomy of the larynx. What is the relevant applied anatomy of the larynx for anaesthesiologist.
2. Define alveolar gas equation. What is alveolar-arterial gradient and what is its clinical significance?
3. Classify anti arrhythmic drugs. Write a short note on amiodarone.
4. What do you understand by doppler effect? Write about the clinical use of doppler.
5. Enumerate catecholamines. Write a short note on norepinephrine.
6. Discuss the physiology of cerebral blood flow. What are the factors that affect cerebral blood flow?
7. What are the transmembrane receptors? Describe gammaaminobutyric acid (GABA) receptors.
8. William T G Morton.
9. Draw the coagulation cascade. Write a short note on recombinant factor VII.
10. Anion Gap.

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PAPER II

Q.P Code : RS-D3352

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LONG ESSAY

10 X 10 = 100 Marks

1. Discuss caudal epidural anesthesia for pediatric patients.
2. Discuss air embolism.
3. Discuss the role of intracranial pressure monitoring and methods used to reduce the intracranial pressure in the operation theatre.
4. Discuss the anesthetic management of preeclamptic 36 weeks pregnant patient for cesarean section.
5. 80 year old patient is posted for hip joint replacement. Discuss the anesthetic management.
6. 90 KG patient in posted for laparoscopic cholecystectomy. Discuss the anesthetic management.
7. Discuss turp syndrome.
8. Discuss the anesthetic management of perforating injury of the eye (14 yr old boy).
9. Discuss the pre-anesthetic evaluation of a 60 year old hypertensive patients with a history of chest pain 4 months back.
10. Discuss the anesthetic management of 25 year old female patient of RT, destroyed lung for pneumonectomy.

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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. 10 year old child, posted for exploration for post tonsillar bleeding. Discuss anaesthetic management.
2. Anaesthetic considerations in myxoedema.
3. Bier's block.
4. Properties of ideal anaesthetic agent for day care surgeries.
5. Setting up a difficult airway cart.
6. Occupational hazards to anaesthesiologist.
7. Obstructive sleep apnoea.
8. Low flow anaesthesia.
9. Hyperbaric oxygen therapy.
10. Newer antiemetics.

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