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RK—2389

DIPLOMA IN ANAESTHESIOLOGY (D.A.) EXAMINATION, 2002

Paper I

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*
Draw diagrams if necessary.

Long Essays :

1. (a) Describe broncho pulmonary segments.

   (b) Discuss various methods adopted in minimizing secretions in case of "wet lung".

   (8 + 12 = 20 marks)

2. (a) Enumerate kidney function tests and their importance in anaesthesia.

   (b) What problems are there in anaesthetising in a patient of uraemia ?

   (2 × 20 = 40 marks)

Short Essays :

3. History of chloroform anaesthesia.
4. Pharmacology of propofol.
5. Pin index system.
6. Factors involved in vaporization of liquid anaesthetics.
7. Classification, mechanism of action and complications of local anaesthetics.
8. Crawford long.

(6 × 10 = 60 marks)

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DIPLOMA IN ANAESTHESIOLOGY (D.A.) EXAMINATION, 2002

Paper II

Time : Three Hours | Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. A male aged 60 yrs. with controlled hypertension is due for obstructed inguinal hernia surgery.
   Discuss briefly :
   (a) Pre-operative.
   (b) Intra-operative.
   (c) Post-operative.
   Anaesthesia management.
2. A child of 3 yrs. has bilateral cleft palate and is due for correction. Discuss anaesthetic management and post-operative care.

(2 × 20 = 40 marks)

Short Essays :

3. Embolisms during anaesthesia.
4. Estimation of blood loss during anaesthesia and surgery.
5. Nerve block for cataract surgery.
6. Anaesthesia for posterior cranial fossa tumour.
7. Treatment of post spinal headache.
8. Awareness during anaesthesia.

(6 × 10 = 60 marks)

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(43)

RK—2391

DIPLOMA IN ANAESTHESIOLOGY (D.A.) EXAMINATION, 2002

Paper III—PRACTICE OF ANAESTHESIA

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Discuss the role of anaesthetist in the immediate management of a critically injured patient.
2. What blood substitutes are available for treating hypovolaemic states ? Describe their advantages and disadvantages.

(2 × 20 = 40 marks)

Short Essays :

3. Total parenteral nutrition.
4. Intermittent mandatory ventilation.
5. Intracranial pressure control in head injury patients.
6. Humidifiers.
7. Prevention and treatment of post dural puncture headache.
8. Carbon monoxide poisoning.

(6 × 10 = 60 marks)

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RK—1949

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION, 2002

(DA)

Paper III

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. (a) What is intensive care unit ? (5 marks)

   (b) Discuss organization of such a care unit in a 300 bed hospital.

   (15 marks)

2. Discuss pathology, clinical features and management of disseminated intravascular coagulation.

   (20 marks)

[2 × 20 = 40 marks]

Short Essays :

3. Intravenous regional anaesthesia.
4. ABC of cardiopulmonary resuscitation.
5. Sick sinus syndrome.
6. High frequency jet ventilation.
7. Minimum monitoring during anaesthesia.
8. OPD anaesthesia service.

(6 × 10 = 60 marks)

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