(45)

RK—1331

DIPLOMA IN ANAESTHESIA EXAMINATION (D.A.), 2001

Paper I—BASIC SCIENCES in relation to ANAESTHESIA AND ITS APPLICATION

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe the anatomy of broncho-pulmonary segments with the help of a diagram. Mention the anaesthetic implications of broncho-pulmonary segments.
2. Discuss the working principles of flowmeter. Highlight the desirable features of flow meters on a modern anaesthetic machine.

(2 × 20 = 40 marks)

Short Essays :

3. H_2 receptor antagonists.
4. Positional hazards under anaesthesia.
5. Dynamic lung function tests.
6. Drug metabolism in liver disease.
7. Physiological dead space.
8. Neuro muscular transmission.

(6 × 10 = 60 marks)

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RK—1332

DIPLOMA IN ANAESTHESIA EXAMINATION (D.A.), 2001

PAPER—II

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe the anaesthetic management of a patient with myasthenia gravis posted for thymectomy.
2. Describe various methods of pain relief during labour.

(2 × 20 = 40 marks)

Short Essays :

3. ACT.
4. Acid aspiration syndrome.
5. Turp syndrome.
6. Bain's circuit.
7. Complications of blood transfusion.
8. Oculo-cardiac reflex.

(6 × 10 = 60 marks)

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(4-6)

RK—1333

DIPLOMA IN ANAESTHESIA EXAMINATION (D.A.), 2001

Paper III—PRACTICE OF ANAESTHESIA

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. What are the uses of vasodilators in anaesthesia and in the intensive care unit ? How will you monitor a patient during the administration of vasodilator ?
2. Discuss the pathophysiology of septic shock. What are the recent developments in correction of tissue hypoxia in septic shock ?

(2 × 20 = 40 marks)

Short Essays :

3. Anaesthetic considerations in a 2 year old child posted for emergency removal of foreign body in the bronchus.
4. Anaesthetic problems in a massive thyroid adenoma scheduled for excision.
5. Pulmonary oedema-causes and management.
6. Disseminated intravascular coagulopathy.
7. Positive end expiratory pressure.
8. Management of organo phosphorous poisoning.

(6 × 10 = 60 marks)

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