

SB 395]

APRIL 1995

DIPLOMA IN ANAESTHESIOLOGY.

(New Regulations)

Paper III --- ANAESTHESIOLOGY INCLUDING CRITICAL CARE  
AND RECENT ADVANCES IN ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. How will you anaesthetise a baby of 6 months with Hydrocephalus for a V.P. shunt? What are the difficulties you will encounter and how will you overcome them? (25)
  2. Discuss various techniques of relieving pain for a woman of advanced malignancy of cervix? (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Day care surgery.
    - (b) Bronchospasm under anaesthesia.
    - (c) Atrial fibrillation.
    - (d) Causes of hypoxia under anaesthesia.
    - (e) Air embolism.
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**APRIL 1997**

**[MP 322]**

**DIPLOMA IN ANAESTHESIOLOGY**

**(New Regulations)**

**Part II**

**Paper III — ANAESTHESIOLOGY INCLUDING CRITICAL CARE  
AND RECENT ADVANCES IN ANAESTHESIA**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Discuss the various causes of cardiac arrest that occurs in operation theatre and its management.  
How will you assess brain death? (25)
  
  2. What are the indications of Blood Transfusion?  
Discuss the management of massive blood transfusion.  
What is Autologous blood transfusion? (25)
  
  3. Write briefly on : (5 × 10 = 50)
    - (a) Neurolytic blocks.
    - (b) Problems in recovery room.
    - (c) Swan-Ganz catheter.
    - (d) Profolal.
    - (e) Ethylene oxide sterilisation.
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OCTOBER 1997

[MS 320]

DIPLOMA IN ANAESTHESIOLOGY

(New Regulations)

Part II

Paper III — ANAESTHESIOLOGY INCLUDING CRITICAL  
CARE AND RECENT ADVANCES IN ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. How do you Diagnose Acute respiratory distress syndrome? Discuss the aetiopathogenesis and give broad guide lines of management. (25)
  2. Discuss the problems encountered in anaesthetising a 75 year old diabetic man for fracture neck of femur. (25)
  3. Write short notes : (5 × 10 = 50)
    - (a) Pressure Support Ventilation.
    - (b) Desflurane.
    - (c) End tidal CO<sub>2</sub> monitoring.
    - (d) Total intravenous anaesthesia.
    - (e) Transcutaneous Electrical Nerve stimulation. (TENS).
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APRIL 1998

[SV 341]

DIPLOMA IN ANAESTHESIOLOGY

(New Regulations)

Part II

Paper III — ANAESTHESIOLOGY INCLUDING CRITICAL  
CARE AND RECENT ADVANCES IN ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. (a) Discuss in detail the limitations of pulmonary function tests.

(b) Outline the management of a 28 year old male, employed in a cotton mill, for right upper lobectomy. (25)

2. Describe the management of 5 month old male baby with leaking meningocele of 8 cm × 8 cms size in the lumbo-sacral region. (25)

3. Write briefly on : (5 × 10 = 50)

- (a) Goldman's criteria.
  - (b) Neostigmine-induced arrhythmias.
  - (c) Protocol for H.I.V. patient.
  - (d) Cardioplegia.
  - (e) Polygeline.
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APRIL 1999

[SG 1524]

Sub. Code : 3032

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION.

Part II

Paper II — ANAESTHESIOLOGY INCLUDING  
CRITICAL CARE AND RECENT ADVANCES IN  
ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What are the causes of multiple organ failure?  
Enumerate newer advances in treatment of the same.  
(25)
  2. Enumerate the uses of vasodilators in anaesthesia  
and in the I.C.U. How will you monitor such a patient?  
(25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Mechanical ventilation in acute severe  
asthma.
    - (b) Clinical applications of pulse oximetry.
    - (c) Role of anaesthesiologist in chronic pain  
relief.
    - (d) Merits and demerits of laryngeal mask  
airway.
    - (e) Methods of scavenging.
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OCTOBER 1999

[KA 1524]

Sub. Code : 3032

DIPLOMA IN ANAESTHESIA EXAMINATION.

(New Regulations)

Part II

Paper II — ANAESTHESIA, CRITICAL CARE AND  
RECENT ADVANCES

Time : Three hours

Maximum : 100 marks

1. Discuss anaesthetic management of 28 years old female patient 2nd gravida in third trimester for closed uritral valvotomy. (25)
  2. Discuss anaesthetic management of 35 years old male patient with enlarged thyroid for repair of Inguinal hernia. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Breath holding test
    - (b) Rocuronicem
    - (c) Glassgo coma scale
    - (d) Mass apnoec diffusion
    - (e) EMLA.
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APRIL 2000

[KB 1524]

Sub. Code : 3032

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION.

(New Regulations)

Part II

Paper II — ANAESTHESIOLOGY INCLUDING  
CRITICAL CARE, RECENT ADVANCES IN  
ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. A 20 day old neonate with history of repeated vomiting is diagnosed as congenital hypertrophic pyloric stenosis and is posted for corrective surgery. How will you evaluate the hydration status and outline the pre-operative fluid and electrolyte correction?

What are the precautions to be taken while anaesthetising this case? (25)

2. Define cardio respiratory arrest. What is CCPR? What are the components of Basic Life Support? Describe BLS in detail. (25)

3. Write short notes on : (5 × 10 = 50)

- (a) Acute Respiratory Acidosis
  - (b) Awareness during anaesthesia
  - (c) Laryngeal mask airway
  - (d) A.S.A. classification of physical status
  - (e) Thiopentone.
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OCTOBER 2000

[KC 1524]

Sub. Code : 3032

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION.

(New Regulations)

Part II

Paper II — ANAESTHESIOLOGY INCLUDING  
CRITICAL CARE AND RECENT ADVANCES IN  
ANAESTHESIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the aetiology and treatment of various cardiac dysrhythmias which may occur during anaesthesia. (25)
  2. Fluid and drug management of a patient in shock. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Doxacurium.
    - (b) Glasgow's coma scale.
    - (c) Ayre's 'T' piece.
    - (d) PCWP.
    - (e) Porphyria.
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