Total No. of Pages : 1] (39) **Code No. YJ-2**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-I

Time : 3 Hours] *[Max. Marks :*

N.B:

Answer all questions.

❖❖❖❖

Long Essays: *[2 X 20 =*

1) Describe the Nerve supply of foot with diagrams. Discuss the local anaesth block at the ankle for amputation of gangrenous toes in a Diabetic patien

2) Enumerate the liver function tests and their relavant anaesthetic implicati

Short Essays: *[6 X 10 =*

3) Pulmonary function changes following central neuraxis Blocade.
4) Plasma volume expanders.
5) Importance of monitoring oxygen saturation in Anaesthesia.
6) Venturi principle and its use in Anaesthesia.
7) Evoluation of Rota meter.
8) Benzodiazepines.

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Total No. of Pages : 1] **Code No.YJ-29**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-II

Time : 3 Hours] *[Max. Marks :*

N.B:
Answer all questions.

❖❖❖❖

Long Essays: *[2 X 20 =*

1) Discuss the Anaesthetic management for palliative surgery in a case of tetral of Fallot's. Enumerate the post operative complications.

2) Discuss the pathogenesis, Clinical features and management of Mendelso syndrome.

Short Essays : *[6 X 10 =*

3) Blood component therapy
4) Preemptive analgesia
5) Toxemias of pregnency and anaesthetist
6) Pressure support ventilation
7) Intrapleural Analgesia
8) Trigeminal Neuralgia

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Total No. of Pages : 1] **Code No.YJ-2**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-III

Time : 3 Hours] *[Max. Marks :*

N.B:

Answer all questions.

❖❖❖❖

Long Essays: *[2 X 20 =*

1) What is anaesthesia O.P.D. How will you organise Anaesthesia OPD mention the Merit and Demerit.

2) What are coagulation disorders. Enumerate the management of each due Anaesthesia.

Short Essays : *[6 X 10 =*

3) Apache III scoring .

4) Viscero cardiac reflex.

5) Crawford long.

6) Hoffman degradation.

7) Nitric oxide.

8) Vasopressor drugs.

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Total No. of Pages : 1]

Code No.YJ-2

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-IV

Time : 3 Hours] *[Max. Marks :*

N.B:

Answer all questions.

❖❖❖❖

Long Essays: *[2 X 20 = 4*

1) Describe the management of a case of snake bite in ICU.

2) Enumerate the ideal important parameters incorporated for operation theatr

Short Essays : *[6 X 10 = 6*

3) Nitric Oxide

4) Apgar score

5) Anaesthesia Ventilator

6) Griffith

7) Pain clinic

8) Capnograph

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Total No. of Pages : 1]

Code No.YJ-2941-A

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-I

Time : 3 Hours] *[Max. Marks : 100*

N.B:

Answer all questions.

❖❖❖❖

Long Essays: *[2 X 20 = 40]*

1) Describe the Anatomy a physiology of Neuromuscular junction. Discuss the methods of monitoring Neuromuscular block.

2) Discuss the Epidemiology and pathophysiology of Anaphylaxis in Anaesthesia practice. Describe methods of identification, prevention and treatment.

Short Essays: *[6 X 10 = 60]*

3) Informed consent

4) Azeotropic mixture

5) Micro-shock : problems & methods of prevention.

6) Temperature regulation in neonates

7) Endogenous opioids

8) Capnography

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Total No. of Pages : 1] **Code No.YJ-2942-A**

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-II

Time : 3 Hours] *[Max. Marks : 100*

N.B:

Answer all questions.

❖❖❖❖

Long Essays: ***[2 X 20 = 40]***

1) Anaesthetic management of a case of post-fossa tumour.
2) Discuss Anaesthetic management of a 65 year old man hypertensive on treatment diabetic on oral therapy for total hip replacement.

Short Essays: ***[6 X 10 = 60]***

3) TEE (Trans Esophageal Echo)
4) PEFR (Peak Expiratory Flow Rate)
5) Hellp Syndrome
6) Anaesthetic management of corneal tear.
7) Aorto caval compression
8) Attenuation of pressor response during intubation.

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Total No. of Pages : 1]

Code No.YJ-2943-A

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-III

Time : 3 Hours]

[Max. Marks : 100

N.B:
Answer all questions.

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[2 X 20 = 40]

Long Essays:

1) 3 day old neonate weighing 3kg is posted for meningocoel excision. Discuss the Anaesthetic problems & management ?

2) A 20 year old female patient is posted for excision of pheochromocytoma. Discuss in detail the perioperative management ?

[6 X 10 = 60]

Short Essays:

3) Coeliac Plexus Block

4) TURP syndrome

5) Methhaemoglobinemia

6) Hepatitis C

7) Management of Braindead patient in ICU setup.

8) SIMV with pressure support.

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Total No. of Pages : 1] Code No.YJ-2944-A

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

M.D. ANAESTHESIOLOGY DEGREE EXAMINAITON, 2003
ANAESTHESIOLOGY - PAPER-IV

Time : 3 Hours] [Max. Marks : 100

N.B:
Answer all questions.

❖❖❖❖

Long Essays: ***[2 X 20 = 40]***

1) Discuss the preoperative evaluation, preparation and anaesthetic management for excision of phaechromocytoma.

2) Discuss the newer modes of ventilation.

Short Essays: ***[6 X 10 = 60]***

3) TURP syndrome

4) Coeliac plexus block

5) Cerebral protection after head injury.

6) 'Fast tracking' in Ambulatory Anaesthesia

7) Prediction of difficult Airway

8) Regulation of cerebral blood flow under anaesthesia.

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YJ—2624

M.D. (ANAESTHESIOLOGY) DEGREE EXAMINATION, 2003

Paper I—BASIC SCIENCE IN RELATION TO ANAESTHESIA

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the Anatomy of Larynx, the complications with injury to the nerve supply.

2 Enumerate the Pathophysiological changes in pulmonary oedema.

(2 × 20 = 40 marks)

II. Short Essays :

3 Savoflurane.

4 Mary's law and its application.

5 Lundy.

6 Vaporizer.

7 Blood gas analysis.

8 Alpha blockers and its uses.

(6 × 10 = 60 marks)

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YJ—2625

M.D. (ANAESTHESIOLOGY) DEGREE EXAMINATION, 2003

Paper II

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the anaesthetic management of a 70 year old patient who had sustained fracture neck of femur.

2 Anaesthetic management of a child of 4 years posted of tetrology of Fallot's total correction under cardiopulmonary by pass.

(2 × 20 = 40 marks)

II. Short Essays :

3 Autoregulation of cerebral blood flow.

4 Oculo-cardiac reflex.

5 Regurgitation prophylaxis.

6 Lower Esophageal sphincter.

7 Failed intubation drill.

8 Post operative pulmonary complications.

(6 × 10 = 60 marks)

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YJ—2626

M.D. (ANAESTHESIOLOGY) DEGREE EXAMINATION, 2003

Paper III

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss the perioperative management of intestinal obstruction in a neonate.

2 Discuss the anaesthetic management of a 50 year old patient with obstructive jaundice.

(2 × 20 = 40 marks)

II. Short Essays :

3 Anaesthesia for dental extractions.

4 Glycated haemoglobin.

5 Sulphonyl ureas.

6 Plasma volume expanders.

7 Ranitidine.

8 Body Mass Index.

(6 × 10 = 60 marks)

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YJ—2627

M.D. (ANAESTHESIOLOGY) DEGREE EXAMINATION, 2003

Paper IV

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe the etiology, pathogenesis and management of pulmonary oedema.

2 A 25 year old man had met with a road traffic accident and sustained Poly trauma. Discuss in detail the problems involved and the initial management in the I.C.U.

(2 × 20 = 40 marks)

II. Short Essays :

3 Recent trends in Cardio Pulmonary Resuscitation.

4 Methods of administering Oxygen Therapy.

5 Monitoring pain in the post operative period.

6 Nutrition in patients on Ventilator.

7 Respiratory Resuscitation equipments.

8 Fat embolism.

(6 × 10 = 60 marks)