

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DA 0524)

MAY 2024

Sub. Code: 4002

DIPLOMA IN ANAESTHESIOLOGY (DA) EXAMINATION

**PAPER II – PRACTICE OF ANAESTHESIA: ANAESTHESIA IN RELATION
TO ASSOCIATED SYSTEMIC AND MEDICAL DISEASES**

Q.P .Code: 344002

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the current management strategies in acute bronchial asthma.
2. Anaesthetic management of posterior cranial fossa tumour.

II. Write notes on:

(10 x 7 = 70)

1. Deep Vein Thrombosis prophylaxis.
2. Anaesthesia for retained placenta.
3. Caudal Anaesthesia.
4. Ankle Block.
5. Monitored Anaesthesia care.
6. Methods of labour analgesia.
7. Failed intubation drill.
8. Epidural test dose.
9. Second Generation Laryngeal Mask Airway.
10. Flow volume loops.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DA 1224)

**DECEMBER 2024
(OCTOBER 2024 EXAM SESSION)**

Sub. Code: 4002

DIPLOMA IN ANAESTHESIOLOGY (DA) EXAMINATION

**PAPER II – PRACTICE OF ANAESTHESIA: ANAESTHESIA IN RELATION TO
ASSOCIATED SYSTEMIC AND MEDICAL DISEASES**

Q. P. Code: 344002

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Pathophysiology of pheochromocytoma and perioperative anaesthetic management of patient posted for surgical resection of pheochromocytoma.
2. Management of adult female with acute thermal injury with 40% burns. Discuss the anaesthetic considerations of this patient posted for dressing.

II. Write notes on:

(10 x 7 = 70)

1. Hyperosmolar Hyperglycaemic State (HHS).
2. Describe the type of A-V Blocks and anaesthetic significance.
3. Laboratory assessment of thyroid functions.
4. Local anaesthetic toxicity.
5. Post operative laryngospasm.
6. Venous air embolism.
7. Glasgow coma scale.
8. High frequency ventilation.
9. Penile block.
10. Weaning modes in ICU.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

(DA 1025]

OCTOBER 2025

Sub. Code: 4002

DIPLOMA IN ANAESTHESIOLOGY (DA) EXAMINATION

**PAPER II – PRACTICE OF ANAESTHESIA: ANAESTHESIA IN RELATION TO
ASSOCIATED SYSTEMIC AND MEDICAL DISEASES**

Q. P. Code: 344002

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the preoperative evaluation, preparation and anaesthetic management of a patient with toxic goiter posted for total thyroidectomy.
2. Discuss the preoperative preparation and anaesthetic management of 65 years old male with COPD posted for laparoscopic cholecystectomy and also add a note on various methods of post-operative pain relief for this patient.

II. Write notes on:

(10 x 7 = 70)

1. Caudal anaesthesia.
2. Myocardial protection during Cardio Pulmonary bypass.
3. PDPH.
4. Popliteal Block.
5. Anaesthesia for Retained placenta.
6. Oculo-cardiac reflex.
7. Failed intubation drill.
8. Anesthetic management of post-tonsillectomy bleeding.
9. Hypoxic pulmonary vasoconstriction.
10. Post-operative nausea and vomiting.
