

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

[MD 1224]

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

Sub. Code: 4075

M.D. DEGREE EXAMINATION

FAMILY MEDICINE

**PAPER III: SURGERY AND ALLIED SCIENCES INCLUDING ENT,
OPHTHALMOLOGY, ORTHOPAEDICS, PAIN AND PALLIATIVE CARE,
EMERGENCY CARE (AS APPLIED TO FAMILY MEDICINE)**

Q.P. Code: 204075

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

(4+3+2+6)

1. A 50-year-old female presents with swelling in front of her neck gradually increasing in size over the past 5 years.
 - a) What are the salient history and examination features you will look for the above complaint?
 - b) Discuss the investigations for a patient with midline neck swelling
 - c) Classify Thyroid swellings.
 - d) Explain the management and complications of thyroid enlargement with features of hyperthyroidism.
- (2+5+4+4)**
2. A 70-year-old female had a fall at home 4 hours ago. She is not able to stand on her own since her fall.
 - a) List the common injuries caused by fall in the elderly.
 - b) What are types and clinical features of Hip fractures.
 - c) Initial Management of a patient with hip fractures.
 - d) What are the complications untreated hip fracture.

II. Write notes on:

(10 x 7 = 70)

1. Write briefly on Pre-anesthetic airway assessment and how will you manage airway during short intravenous sedation.
2. Post-operative care and discharge advice for Inguinal hernia repair in a 70-year-old man.
3. Classification and evaluation of Hearing loss in Family Practice.
4. Clinical features, differential diagnosis and treatment of Lower motor neuron facial palsy.

... 2 ...

5. Vestibular function test and distinguishing features of peripheral and central vertigo.
6. Classification and clinical features of Diabetic Retinopathy.
7. Etiology, clinical features, immediate management and complications of Corneal ulcer.
8. How will you assess a patient who had acute massive blood loss, immediate management and complications of intravenous fluid therapy in acute massive blood loss.
9. How will you plan the Palliative Care for a 65-year-old male smoker with Metastatic lung cancer.
10. What are the red flags and clinical evaluation of acute low back pain.

[MD 1224]

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

[MD 0525]

MAY 2025

Sub. Code: 4075

M.D. DEGREE EXAMINATION

FAMILY MEDICINE

**PAPER III: SURGERY AND ALLIED SCIENCES INCLUDING ENT,
OPHTHALMOLOGY, ORTHOPAEDICS, PAIN AND PALLIATIVE CARE,
EMERGENCY CARE (AS APPLIED TO FAMILY MEDICINE)**

Q.P. Code: 204075

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 32-year-old married woman with two children, has come with acute lower abdomen pain and vomiting for the past six hours. She is febrile and dehydrated. Her abdomen examination shows tenderness in both iliac fossae. (3+7+5)
 - a) List the differential diagnosis.
 - b) What is the additional clinical history, examinations and investigations that would help you to diagnose her problem?
 - c) Describe the management of this patient in family practice and indications for referral to specialist.
2. 75-year-old man presents to the family physician with difficulty in initiating micturition, poor urinary stream and frequency for the past two months. There is no history of fever or loin pain. (5+5+5)
 - a) What is the possible diagnosis for urinary symptoms?
 - b) How will you investigate and manage this problem?
 - c) If he is diagnosed with Carcinoma prostate with bone metastasis to spine, how will you manage?

II. Write notes on:

(10 x 7 = 70)

1. 45-year-old man, a smoker with type 2 diabetes for 10 years has come to you with pain in the left calf and foot. His two medial toes in left foot have become gangrenous and his dorsalis pedis is absent. What is the probable diagnosis and how will you manage this problem?
2. Describe the American Society of Anesthesiologist Physical Status Classification System for risk stratification during pre-anesthetic checkup.
3. Briefly describe the factors influencing wound healing in a 45-year-old male with type 2 diabetes and non-healing ulcer foot. How will you address these factors to enhance wound healing.

4. 50 years old male, an agricultural worker presents at midnight with severe pain and redness in the left eye since he returned from the fields. He is not able to read with the left eye at 1 meter distance. He recollects a trivial injury in the eye with shoot during work. What is the likely diagnosis? What prehospital care will you provide if the referral is not possible in the night?
5. Describe the management of a 35-year-old lady with foul smelling profuse ear discharge in right ear for the past two months.
6. 72-year-old lady with difficulty in swallowing and loss of appetite for the past two weeks. Her Hb is 4 grams% and MCV is 50 fl. What are the possible causes and how will you investigate and manage the dysphagia?
7. Management of a 3x4 cm firm non-tender lump in the right breast of a 35-year-old married woman with two children.
8. Management of Bleeding per rectum in adult in family practice
9. Management options for a 55-year-old laborer with Osteoarthritis of the knee.
10. How will you screen for Glaucoma? What is the management of a 60-year-old man diagnosed with open angle glaucoma?

[MD 0525]

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

[MD 1025]

OCTOBER 2025

Sub. Code: 4075

**M.D. DEGREE EXAMINATION
FAMILY MEDICINE**

**PAPER III - SURGERY AND ALLIED SCIENCES INCLUDING ENT,
OPHTHALMOLOGY, ORTHOPAEDICS, PAIN AND PALLIATIVE CARE,
EMERGENCY CARE (AS APPLIED TO FAMILY MEDICINE)**

Q.P. Code: 204075

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A 60-year-old gentleman, on treatment for diabetes mellitus presents with a wound in the left toe. On examination, the infection spread up to the forefoot. (3+5+5+2)
 - a) How will you approach this person?
 - b) How to perform an ankle block?
 - c) What are the complications anticipated and how will you manage when giving a block and doing an amputation?
 - d) What are the indications for referral to a higher centre for the above scenario?
2. A 25-year-old gentleman with a history of a road traffic accident while riding a two-wheeler is brought to the casualty. He is drowsy with tachycardia and low blood pressure. (4+3+4+4)
 - a) How will you assess this person on arrival at the casualty?
 - b) What are the types of shock?
 - c) What are the signs and symptoms of shock?
 - d) How will you manage a patient in shock?

II. Write notes on:

(10 x 7 = 70)

1. Sinusitis.
2. Oral ulcers.
3. Blindness.
4. Cataract.
5. Shoulder pain.
6. Falls in the elderly.
7. Biochemical tumour markers.
8. Hypoglycemia.
9. Heat stroke.
10. Dog bite.
