

**AUGUST 2020
(MAY 2020 SESSION)**

Sub. Code: 3008

M.D. DEGREE EXAMINATION

BRANCH – 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: 203008

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A 35 year old lady is brought to the community health centre you are working with acute abdominal pain. Describe your approach to this patient including differential diagnosis, history, physical examination, investigations and initial management.
2. A 65 year old man has been diagnosed with metastatic prostate cancer and advised palliative care. Describe the management of this patient including the different aspects of care for the whole person.

II. Write notes on:

(10 x 7 = 70)

1. Differential diagnosis for painful red eye
2. Management of epistaxis
3. Benign paroxysmal positional vertigo
4. Torsion of testis
5. Breast abscess
6. Necrotising fasciitis
7. Pneumothorax
8. Deep vein thrombosis
9. Approach to back ache in family practice
10. Clinical features, investigations and management of de Quervain's disease

[MD 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 3008

M.D. DEGREE EXAMINATION

BRANCH – 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: 203008

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A 45 years old diabetic male who has recently recovered from COVID-19 infection, presents with pain in the Rt eye, bloody nasal discharge and numbness over the face
 - What is the likely diagnosis?
 - How will you evaluate and manage this patient?
2. Give a management plan for case of “Blunt Abdominal Trauma” with regard to diagnosis and treatment.

II. Write notes on:

(10 x 7 = 70)

1. Describe chronic suppurative otitis media.
2. Types of conjunctivitis. How will you manage viral conjunctivitis?
3. Regional anaesthesia.
4. Classify epistaxis. Briefly describe the management.
5. Enumerate causes of hematuria. Discuss the investigation for diagnosis.
6. Acute Embolic Occlusion of Lower Limb.
7. What are the principles of management of fracture of limbs? Describe stress fracture.
8. Discuss the diagnosis and management of a case of Colle’s fracture.
9. Testicular torsion.
10. Tracheostomy.

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

[MD 0522]

MAY 2022

Sub. Code: 3008

**M.D. DEGREE EXAMINATION
BRANCH – 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: 203008

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A 40 year old lady you have known for few years had a pap smear last week and the histopathology result has come to you today as cancer of cervix. Describe the steps involved in breaking the bad news to her.
2. A 28 year old man with history of alcohol abuse is brought to your community health centre with history of severe upper abdomen pain and vomiting. Discuss the differential diagnosis, and approach to this clinical problem. Outline the management of acute pancreatitis. What will be the role of the family physician in the follow up of this patient?

II. Write notes on:

(10 x 7 = 70)

1. Tennis elbow.
2. Otitis externa.
3. Uveitis.
4. Carpal tunnel syndrome.
5. Paronychia.
6. Ankle block.
7. Ray amputation of the toe.
8. Deep vein thrombosis.
9. Dysphagia.
10. Periarthritis of shoulder.

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

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 3008

M.D. DEGREE EXAMINATION

BRANCH XXV – FAMILY MEDICINE

(Candidates admitted from the academic year 2017-18 onwards)

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

Q.P. Code: 203008

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 38-year-old housewife has come to your clinic with history of severe lower abdomen pain for the past three hours. She also has vomiting, and fever associated with the abdomen pain. She has two children, both full term normal deliveries. Her last childbirth was 5 years ago, and she has done tubectomy immediately after her last childbirth. She usually gets regular cycles but now she reports 40 days amenorrhoea.
 - a) What are the additional history you will ask to diagnose her abdomen pain?
 - b) What are the general and abdomen exam findings you will look for?
 - c) What are the investigations that might help you to arrive at a diagnosis?
 - d) How will you manage this patient?

2. 45-year-old man, diabetic for past eight years, has come to the family physician with the complaints of swelling, ulceration with foul smelling discharge over the plantar aspect of the great toe in the right foot. The whole great toe and the dorsum of the foot is swollen and having a large ulcer with unhealthy slough in plantar aspect of the great toe. He has been on antibiotics and doing dressing for the past one week. But there is no improvement in the swelling and discharge.
 - a) What are the factors that affect wound healing in this patient?
 - b) How will you manage those factors to facilitate the healing of this wound?
 - c) Describe the indications and the procedure of Ray amputation of the Great toe in this patient.

II. Write notes on:

(10 x 7 = 70)

1. 26-year-old man, working in an IT company, has come with painful defecation and constipation for the past three days. Today he had bleeding per rectum associated with the defecation. The per rectal examination shows sphincter spasm. What is the likely diagnosis and explain how will you manage his problem?
2. Management of an 18-year-old girl with a thyroid swelling for the past three months.
3. Evaluation and management of venous ulcer and stasis dermatitis in the right leg for a 40-year-old man working as a bus conductor.
4. How will you approach a 18 year old Girl with gradual onset of Hearing loss.
5. 45-year-old farmer is presenting with a Corneal Ulcer in his right eye with circumcorneal congestion. How will you manage his corneal ulcer? What are the indications for referring to an ophthalmologist?
6. Complications of Regional Anesthesia.
7. Describe the diagnosis and management of recurrent shoulder dislocation.
8. 75-year-old Mr. Thomas having Lower Urinary Tract Symptoms is diagnosed to have adenocarcinoma of prostate. He has come to the family physician with severe back pain, urinary incontinence, and weakness of right lower limb. MRI shows metastasis in spine compressing the cord. How will you manage his back pain and the metastatic prostatic carcinoma?
9. Management of Upper Gastrointestinal Bleeding.
10. 68-year-old man with right inguinal reducible hernia is visiting the family physician with pain over the inguinal hernia since he developed cough. He has cough more at night associated with shortness of breath. He smokes 20 cigarettes a day. He is a diabetic and hypertensive. O/E he has bilateral expiratory wheeze. Blood pressure is 220 / 130 mmHg. His investigations show that his Hb is 6 grams, HbA1C is 12%. How will you prepare this elderly and his family for the Hernia Surgery? What are the interventions need to be done by the Family Physician to get the Anaesthesia fitness for this patient?

[MD 0723]

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

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 3008

M.D. DEGREE EXAMINATION

BRANCH XXV – FAMILY MEDICINE

(Candidates admitted from the academic year 2017-18 onwards)

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

Q.P. Code: 203008

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 35-year-old lady, Kavitha is married for 7 years, has a 4 year old child, has come for annual health maintenance visit to the family physician. She is worried as her mother is on treatment for carcinoma breast.
 - a) How will you screen Kavitha for Breast Cancer?
 - b) If Kavitha develops a breast lump, how will you evaluate it? Describe the BIRAD scoring system for breast lump.
 - c) What is the management of a breast lump if the biopsy is reported as carcinoma?
 - d) How will you manage the bone pain in a patient with breast carcinoma with bone secondaries?
2. A 35-year-old man has met with Road Traffic Accident while driving a two-wheeler in a highway.
 - a) What are the primary and secondary survey you will do to assess his injuries?
 - b) You are suspecting pelvic fracture in this patient. What is the pre-hospital care needed in the family practice before referral?
 - c) How will you diagnose and treat tension pneumothorax in this patient?
 - d) What are the precautions you would take while transferring him to a higher centre?

II. Write notes on:

(10 x 7 = 70)

1. 62-year-old farmer, presenting with red eye on the right eye with pain and photophobia.
 - a) Differential diagnosis of the unilateral red eye?
 - b) Corneal opacity on the torch light examination. How will you manage the patient?

2. Briefly describe the Indications, Contraindications, and the procedure of Spinal Anaesthesia.
3. Diagnosis and management of shoulder dislocation in an adult.
4. Fungal sinusitis.
5. Acute Otitis Media.
6. 35-year-old housewife, P2L2, has come with abdomen pain for three days. O/E there is a tender mass felt in the Right iliac fossa. List the differential diagnosis and describe the management of this patient in family practice.
7. 30-year-old labourer, who consumes alcohol 180 ml per day, presents with acute abdomen pain. What is the differential diagnosis of the abdomen pain? How will you diagnose each condition?
8. Briefly describe different modalities of treatment for Osteoarthritis of the Knee.
9. 60-year-old diabetic is admitted with pain and swelling of the right leg and foot for the past three days. He is febrile. Right leg is warm and tender. What is the differential diagnosis for unilateral leg swelling? How will you manage him?
10. Evaluation of bleeding per rectum in a 60-year-old male.

[MD 1223]