

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

[MBBS 0324]

MARCH 2024

Sub. Code :6082

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

THIRD PROFESSIONAL PART II - (CBME)

PAPER II - GENERAL MEDICINE

Q.P. Code: 526082

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

**Answer all the Questions in the same Answer Booklet
under separate headers Section A and Section B**

SECTION - A

I. Elaborate on:

(3+2+3+5+2=15)

1. A 56 year old man presents to the Emergency Room with altered sensorium. On probing the history, his wife gave history that patient had an alcoholic binge the previous day following which patient had a massive bout of haematemesis and altered sensorium. He is a known case of chronic liver disease for the past few years on irregular medication and follows up. On Examination his Glasgow Coma Scale was 3/15, with Pulse Rate of 120/min, and Blood pressure of 80/50mmHg and on systemic examination, shifting dullness present and Plantar reflex was extensor response bilaterally.
 - a) What is the complete diagnosis?
 - b) What are the other precipitants that can cause altered sensorium in the given clinical condition?
 - c) What is the pathogenesis leading to altered sensorium?
 - d) How to manage the patient?
 - e) What prophylaxis should the patient be given and what advice is given to the patient on recovery?

II. Write notes on:

(5 x 5 = 25)

1. Enumerate the causes, clinical features and management of Reactive Arthritis.
2. Acute and long term Treatment of Myasthenia Gravis.
3. DMRDs (Disease Modifying Anti Rheumological Drugs).
4. Neurological manifestations of Vitamin B12 deficiency.
5. What is the pathogenesis of Anaemia of Chronic Disease? What are the investigations to differentiate Anaemia of chronic disease from iron deficiency anaemia?

SECTION - B

I. Elaborate on:

(2+3+4+4+2=15)

1. A 20 year old female is brought to the hospital with history of avoidance of eating food. Her mother also gives history that the patient has binge eating, purging, does excessive exercise and has lost weight considerably. On Examination her Body Mass Index was 16.5kg/m².
 - a) What is the probable diagnosis?
 - b) What is the Diagnostic Criteria for this condition?
 - c) What are the medical consequences of this condition?
 - d) How to manage this condition?
 - e) What is the prognosis of this condition?

II. Write notes on:

(5 x 5 = 25)

1. A 30 year old male is tested positive for Human Immunodeficiency Virus (HIV).
How to communicate it to the patient and counsel him post test?
2. Clinical features of secondary syphilis.
3. Management of Acute severe asthma.
4. Clinical features of Miliary Tuberculosis.
5. Enumerate the clinical features and Management of Rosacea.

[MBBS 0324]

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

[MBBS 0524]

MAY 2024

Sub. Code :6082

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

THIRD PROFESSIONAL PART II – SUPPLEMENTARY (CBME)

PAPER II - GENERAL MEDICINE

Q.P. Code: 526082

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

**Answer all the Questions in the same Answer Booklet
under separate headers Section A and Section B**

SECTION - A

I. Elaborate on: (1+2+2+2+2+3+3=15)

1. Define Heart failure. Describe the epidemiology, types, causes, pathophysiology and clinical manifestations of Heart failure. How will you manage a 65 year old male, known ischemic heart disease patient presenting with clinical features of Acute Pulmonary Edema.

II. Write notes on: (5 x 5 = 25)

1. Atrial fibrillation- Diagnosis and treatment.
2. Doctors responsibilities in the care of terminally ill patient.
3. Diagnosis and management of Hypoglycemia.
4. Pancoast tumor.
5. Causes and management of Chronic diarrhoea.

SECTION - B

I. Elaborate on: (2+1+3+1+2+6=15)

1. 23 year old male patient presents to the Dermatology OPD with one month history of sharply demarcated, erythematous plaques with mica-like scales predominantly over his elbows and scalp. What is your diagnosis? Describe the etiology, clinical presentation, types, differential diagnosis and management of this condition.

II. Write notes on: (5 x 5 = 25)

1. Miliary tuberculosis- Clinical presentation and management.
2. Treatment of Mood disorders.
3. SSRIs.
4. Stevens- Johnson syndrome- diagnosis and management.
5. Uses and contraindications of Electroconvulsive therapy.

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

THIRD PROFESSIONAL MBBS PART II

PAPER II - GENERAL MEDICINE

Q.P. Code: 526082

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

Answer all the Questions in the same Answer Booklet

under separate headers Section A and Section B

SECTION - A

I. Elaborate on:

(1 x 15 = 15)

(2+3+2+5+3)

1. A 18 year old male is admitted with abdominal pain, nausea and vomiting for the past one day. His mother also gives history of increased thirst and polyuria. On Examination, patient is drowsy, dehydrated with cold peripheries and Kussmaul breathing. His Capillary Blood Glucose on admission showed high values.
 - a) What is your diagnosis?
 - b) What is the pathogenesis of this condition?
 - c) What are the investigations to be done to confirm the diagnosis?
 - d) What is the Emergency Management to be done in the first 24 hours?
 - e) What electrolyte abnormality if present, should be corrected first and what are the other indicators of severity of the disease?

II. Write notes on:

(5 x 5 = 25)

1. Management of Status Epilepticus.
2. Enumerate the causes, clinical features, investigations and management of Superior Vena Cava Syndrome.
3. Enlist the causes, clinical features and management of Pyogenic Liver Abscess.
4. Enumerate the complications of Parenteral Nutrition. What are the laboratory parameters for monitoring parenteral nutrition in hospital?
5. Familial Hypercholesterolemia.

SECTION – B

I. Elaborate on:

(1 x 15 = 15)

(2+4+4+5)

1. A 36-year-old man is admitted with fever and dry cough for the past 10 days. He complains of pain in the left side of the chest which is aggravated on deep inspiration. On Examination, patient was febrile, vitals stable, trachea deviated to right, chest movements diminished on the left side and stony dull on percussion in the infra-axillary and infra-scapular regions. On Auscultation, Normal vesicular breath sounds were present in all area except in left infra-axillary and infra scapular regions where the breath sounds were absent.
 - a) What is the clinical diagnosis?
 - b) What is the aetiopathogenesis for the diagnosis?
 - c) What are the investigations to be done?
 - d) What is the treatment to be given?

II. Write notes on:

(5 x 5 = 25)

1. Complications of Bronchiectasis.
2. Presentation and consequence of chronic alcoholic misuse.
3. Enumerate the clinical features, diagnosis and management of Obsessive Compulsive disorder.
4. Enumerate the types of nail involvement in systemic disease.
5. A 25-year-old woman who is 8 weeks pregnant now, on routine antenatal evaluation is found to be positive for HIV. She wants to know regarding the therapeutic options and neonatal risk. How will you counsel the patient?

[MBBS 0325]

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

THIRD PROFESSIONAL PART II SUPPLEMENTARY EXAMINATION

PAPER II - GENERAL MEDICINE

Q.P. Code: 526082

Time: Three hours

Maximum : 100 Marks (80 Theory + 20 MCQs)

**Answer all the Questions in the same Answer Booklet
under separate headers Section A and Section B**

SECTION - A

I. Elaborate on:

(1 x 15 = 15)

1. A 36-year-old male, who works at a construction site comes with history of intermittent fever for 1 week associated with chills and rigors, fever spikes occur every alternate day. He started noticing dark coloured urine since the last 2 days and he also noticed his abdomen was distended. Examination of abdomen revealed presence of mild splenomegaly.
 - a) What is the diagnosis? (3)
 - b) Name the other species of the parasite? (4)
 - c) Investigation and treatment of the above condition. (4)
 - d) Complications of this disease. (4)

II. Write notes on:

(5 x 5 = 25)

1. Heat related illness.
2. Hypokalemic periodic paralysis.
3. Oral hypoglycemic agents.
4. Hypoparathyroidism.
5. Carpal tunnel syndrome.

SECTION - B

I. Elaborate on:

(1 x 15 = 15)

1. 45-year-old male, who is a known smoker came to the ER with complaints of chest pain - left side crushing type of pain, radiated to the jaw and left arm for the past 20 minutes. On examination patient was diaphoretic and anxious.
 - a) What is the probable diagnosis? (3)
 - b) Mention the risk factors for the above condition. (4)
 - c) Pathogenesis and management of the above condition. (4)
 - d) Mention any four complications anticipated in this patient. (4)

II. Write notes on:

(5 x 5 = 25)

1. Erythema nodosum leprosum.
2. Somatoform disorders.
3. Chronic diarrhea.
4. Anemia of chronic disease.
5. A 40-year-old female is diagnosed to have chronic myeloid leukemia in blast crisis. How will you reveal the diagnosis and do the counselling to the patient and attender?

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

[MBBS 0326]

MARCH 2026

Sub. Code :6082

**M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year
2019-2020, 2020-2021 & 2021-2022)**

**THIRD PROFESSIONAL PART - II
PAPER II - GENERAL MEDICINE**

Q.P. Code: 526082

Time: Three hours

Maximum : 100 Marks (80 Theory + 20 MCQs)

**Answer all the Questions in the same Answer Booklet
under separate headers Section A and Section B**

SECTION - A

I. Elaborate on:

(1 x 15 =15)

(2+2+1+2+3+5)

1. A 65-year-old male presents to the outpatient department with complaints of tremors and progressive slowness of movements. He gives history of difficulty in buttoning his clothes and tying his shoelaces. He has also noticed a change in his hand writing and says his signature looks different now and because of that he had a problem with bank officials recently. While interviewing the patient you notice that he has tremors in hands, his face does not show any expression and his speech is soft, rapid and indistinct.
 - a) What is the clinical diagnosis?
 - b) What will be the other motor signs that need to be looked for in this patient to support the clinical diagnosis?
 - c) What is the classical gait expected in the condition?
 - d) What are the non motor symptoms in this condition?
 - e) What are the causes and pathophysiology of the above diagnosis?
 - f) How to manage the patient?

II. Write notes on:

(5 x 5 = 25)

1. A 70-year-old male who has been on Oral Hypoglycemic agents for the past 20 years for Type 2 Diabetes Mellitus now has HbA1c of 11.2 and uncontrolled hyperglycemia and it is decided to start the patient on insulin therapy. The patient is quite apprehensive regarding taking injection daily. How will you counsel the patient and family regarding insulin therapy?
2. Management of Organophosphorus poisoning.
3. What is Metabolic syndrome and its risk factors?
4. Management of Osteoporosis.
5. Clinical features, investigations and management of spontaneous Bacterial Peritonitis.

SECTION - B

I. Elaborate on:

(1 x 15 =15)

(2+3+2+3+5)

1. A 35-year-old man is admitted with complaints of fever, cough with expectoration for the past one week. He gives history of 3 to 4 episodes of haemoptysis. The patient says that he has been having cough for many years with sputum production and has on and off infective exacerbations. He has completed treatment for tuberculosis 6 years back and has been on regular follow up since. On Examination he is thin built, moderately nourished, grade 3 clubbing present. His systemic examination is otherwise unremarkable except for the coarse leathery crackles on auscultation of chest.
 - a) What is the clinical diagnosis?
 - b) What are the causes for the above diagnosis?
 - c) Pathogenesis of the above condition?
 - d) What are the investigations to be done for this patient?
 - e) How to treat the patient?

II. Write notes on:

(5 x 5 = 25)

1. Clinical features and management of Type II Lepra reaction.
2. Definition, diagnosis and management of Acute Respiratory distress syndrome.
3. Clinical features, diagnosis and management of Post traumatic stress disorder.
4. Enumerate the clinical features, diagnosis and management of Atopic Eczema.
5. Enumerate the common causes of Chronic Watery Diarrhoea in a known patient with HIV disease.

[MBBS 0326]