

**FINAL M.B.B.S. DEGREE EXAMINATION
PART – II**

Revised (Non-Semester) Regulations

Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. What are the cardiac risk factors in myocardial infarction?
Enumerate all the complications, investigations and management of Acute myocardial infarction.
2. Describe etiology, Pathology, Clinical features and Management of Chronic Obstructive Pulmonary Disease.

II. Write Short notes on :

(10 x 5 = 50)

1. Pseudo-hypo parathyroidism.
2. Delirium tremens.
3. Hemophilia.
4. Rabies.
5. Clinical features and treatment of Leptospirosis.
6. Complications of Obesity.
7. Causes of Disseminated Intravascular Coagulation (DIC).
8. Draw and label a diagram of circle of willis.
9. Drugs used in scabies, add a note on ivermectin, dose, side effects etc.
10. Torsades De Pointes (Twisting points).

III. Short Answer Questions :

(10 x 2 = 20)

1. Four drugs used in ulcerative colitis.
2. Herpes Zoster.
3. Two indications for bone marrow transplant.
4. Two causes of milky pleural fluid.
5. Prion Diseases.
6. Investigation of patient with Urinary Tract Infection..
7. Aluminium and Zinc phosphide poisoning.
8. Name energy-yielding nutrients – name the essential aminoacids.
9. Management of near-drowning patient.
10. High Altitude (Acute Mountain Sickness) physiological effects.

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Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. Discuss the aetiology, clinical features, diagnosis and management of Nephrotic syndrome.
2. Define stroke.
Discuss pathophysiology, investigation and management of cerebral infarction.

II. Write Short notes on :

(10 x 5 = 50)

1. Clinical features of food poisoning.
2. Thiamine deficiency disorders.
3. Chest pain.
4. Schilling test.
5. Management of Rheumatoid arthritis.
6. Irritable bowel syndrome.
7. Amoebic liver abscess.
8. Potassium sparing diuretics.
9. Agranulocytosis.
10. Gastric lavage.

III. Short Answer Questions :

(10 x 2 = 20)

1. Mention four causes for neutropenia.
2. Mention two changes in CNS with ageing and their corresponding consequences.
3. Eradication of H. pylori.
4. Mention four neurological features of B12 deficiency.
5. Mention four causes of adrenocortical insufficiency.
6. WHO criteria for diagnosis of diabetes mellitus.
7. Enumerate four causes for infective diarrhoea.
8. Aetiology of pyogenic meningitis.
9. List the causes for Parkinsonism.
10. List four antihypertensive drugs.

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Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. Discuss the pathogenesis, clinical features and treatment of acute rheumatic fever.
2. Discuss the pathogenesis, clinical features, treatment and complications of leptospirosis.

II. Write Short notes on :

(10 x 5 = 50)

1. Exudative plural effusion.
2. Systemic lupus erythematosus.
3. Hyperthyroidism.
4. Megaloblastic anemia.
5. Hyperkalemia.
6. Post exposure immunization of rabies.
7. Hook worm disease.
8. Erythema nodosum leprosum.
9. Tropical eosinophilia.
10. Celiac disease.

III. Short Answer Questions :

(10 x 2 = 20)

1. Four causes of massive splenomegaly.
2. Four causes of hemoptysis.
3. Acute viral hepatitis.
4. Drugs used in organo phosphate poisoning.
5. Four drugs used in chemotherapy of tuberculosis.
6. Two causes of cavities in lung.
7. Henoch schonlein purpura.
8. Two drugs used as DMARDs.
9. Horner's syndrome.
10. Two indications for endotracheal intubation.

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Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. Describe the etiology, clinical features and management of different types of dengue fever.
2. Describe the etiology, clinical features and management of pulmonary embolism.

II. Write Short notes on :

(10 x 5 = 50)

1. Clinical features and management of malabsorption syndrome.
2. Pseudo-hypo para thyroidism.
3. Hemophilia.
4. Management of acute myocardial infraction.
5. Mention the chronic complication of diabetes mellitus.
Add a note on newer insulins.
6. Discuss laboratory investigations in a case of hemolytic anaemia.
7. Proton pump inhibitors.
8. Management of Gout.
9. Gastric lavage.
10. Agranulocytosis.

III. Short Answer Questions :

(10 x 2 = 20)

1. Importance of Philadelphia chromosome.
2. What is sickle cell crisis?
3. Angotensin receptor blockers and indications.
4. Ankylosing spondylitis.
5. Oral rehydration therapy.
6. Mention three gram negative bacilli.
7. Name four macrolide antibiotics.
8. Ill effects of “Tobacco Chewing”.
9. Pyridoxine.
10. Psychosis.

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Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 15 = 30)

1. Discuss the etiology, natural history, clinical features, investigation and management of chronic myeloid leukemia.
2. Discuss the etiology, clinical features, diagnosis and management of Pericardial Effusion.

II. Write Short notes on :

(10 x 5 = 50)

1. Gait.
2. Scurvy.
3. Psoriasis.
4. Addison's disease.
5. Erectile Impotence.
6. Causes of Short Stature.
7. Alport's Syndrome.
8. Aspergillosis.
9. Splenomegaly.
10. Peripheral Blood Smear EXAMINATION

III. Short Answer Questions :

(10 x 2 = 20)

1. Causes of Haematuria.
2. Management of Barbiturate Poisoning.
3. Chylothorax.
4. Mention causes of Meningitis.
5. Mention drugs used in Acute Pulmonary oedema.
6. Mention oral Hypoglycaemic agents.
7. Mention types of Bronchial breath sounds.
8. Mention signs of Meningial irritation.
9. Drugs in helicobacter pylori.
10. Auscultatory signs of Mitral Stenosis.

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Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 10 = 20)

1. Define and classify Heart Failure.
Discuss the clinical assessment of heart failure with investigations and management of congestive cardiac failure.
2. Discuss the pathogenesis, clinical features, investigations and management of ulcerative colitis.

II. Write Short notes on :

(10 x 5 = 50)

1. Non invasive respiratory support.
2. Weils disease.
3. HAART,
4. Renal osteodystrophy.
5. Modified Duke's criteria.
6. D-dimer.
7. Amiodarone.
8. Guttate Psoriasis.
9. Thyroid profile.
10. Pseudogout.

III. Short Answer Questions :

(15 x 2 = 30)

1. Four causes of Haematuria.
2. Polycystic ovarian syndrome.
3. Four causes of proximal muscle weakness.
4. Four features of SLE.
5. Four extra articular manifestations of Rheumatoid Arthritis.
6. Four gait disorders.
7. Four drugs producing osteoporosis.
8. Non pulmonary complications of pulmonary Tb.
9. Name four drugs causing neutropenia.
10. Four causes of hydrocephalus.
11. Four causes of pruritis without skin disease.
12. Four complications of UGI (Upper GastroIntestinal) endoscopy.
13. Four common features of Falciparum Malaria.
14. Four features of Jone's criteria.
15. Four common features of Felty's Syndrome.

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Q. P. Code : 524081

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :

(2 x 10 = 20)

1. Discuss the etiology, clinical features, management and prevention of acute Pulmonary embolism.
2. List five causes of acute renal failure.
Discuss the pathophysiology and management of acute tubular necrosis.

II. Write Short notes on :

(10 x 5 = 50)

1. Rheumatic fever prophylaxis.
2. *Pneumocystis jiroveci* pneumonia.
3. Tropical splenomegaly.
4. Management acute bleeding from esophageal varices.
5. Unstable angina.
6. Disseminated intravascular coagulation (DIC).
7. Liver function tests.
8. Atrial fibrillation.
9. Cerebral malaria.
10. Spontaneous bacterial peritonitis.

III. Short Answer Questions :

(15 x 2 = 30)

1. List four causes of secondary hypertension.
2. List four inotropic agents used for shock.
3. List four adverse effects of phenytoin.
4. List four causes for hypoglycemia.
5. List four causes of megaloblastic anemia.
6. Charcot's triad.
7. List four causes for syncope.
8. List four drugs used for treatment of chronic stable angina.
9. List four common opportunistic infections seen HIV infected patients.
10. List four causes for delirium in the elderly.
11. List four drugs contra-indicated in the first trimester of pregnancy.
12. Name the TORCH organisms.
13. Name four sexually transmitted infections presenting as genital ulcers.
14. Name four anti-retroviral drugs
15. Name four vaccines used in adults.

**THIRD M.B.B.S. DEGREE EXAMINATION
PART – II**

Revised (Non-Semester) Regulations

Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time: Three Hours

Maximum: 60 Marks

Answer **ALL** questions in the same order.
Draw Suitable diagrams wherever necessary

I. Elaborate on:

(2 x 7.5 = 15)

1. Discuss the aetiology, clinical features, investigations and management of Pericardial effusion. Add a note on cardiac tamponade.
2. Describe the aetiopathogenesis, clinical features, investigations and treatment of Viral hepatitis. Add a note on prevention.

II. Write notes on:

(10 x 3 = 30)

1. Dengue shock syndrome.
2. Takayasu's arteritis.
3. Down's syndrome.
4. Management of Thalassaemias.
5. Hazards of Blood transfusion.
6. Alpha-glucosidase inhibitors.
7. Management of Migraine.
8. Heat stroke.
9. Management of Carbon monoxide poisoning.
10. Management of Chronic obstructive pulmonary disease (COPD).

III. Short Answer Questions :

(15 x 1 = 15)

1. List four causes of Fever and rash.
2. List four causes of Pinpoint pupils.
3. List four congenital Hyperbilirubinemic disorders.
4. List four causes of Xanthochromia in CSF analysis.
5. List four Myeloproliferative diseases.
6. List four adverse effects of Dapsone.
7. List four causes of Charcot joint.
8. List four contraindications for ACE inhibitors.
9. List four clinical features of Increased intracranial tension.
10. List four causes of Hypothermia.
11. Name the ingredients in the Oral Rehydration Solutions (ORS).
12. Name four clinical conditions for use of Rifampicin.
13. Name four causes of Microalbuminuria.
14. Name four Counter-regulatory hormones.
15. Name four Antitumour antibiotics.

**THIRD M.B.B.S. DEGREE EXAMINATION
PART – II**

Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time: Three Hours

Maximum: 60 Marks

Answer **ALL** questions.
Draw Suitable diagrams wherever necessary

I. Elaborate on:

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|----|----|----|
| 1. Discuss aetiology, clinical features, investigations and management of infective endocarditis. | 16 | 25 | 10 |
| 2. Describe aetiopathogenesis, clinical features, investigation and management of hepatic encephalopathy. | 16 | 25 | 10 |

II. Write notes on:

- | | | | |
|---|---|---|---|
| 1. Leptospirosis. | 3 | 8 | 3 |
| 2. Coarctation of aorta. | 3 | 8 | 3 |
| 3. Acromegaly. | 3 | 8 | 3 |
| 4. Management of acute leukemia. | 3 | 8 | 3 |
| 5. Incretin mimetics. | 3 | 8 | 3 |
| 6. Management of organophosphate poisoning. | 3 | 8 | 3 |
| 7. Status epilepticus. | 3 | 8 | 3 |
| 8. Lung abscess. | 3 | 8 | 3 |
| 9. Nephrotic syndrome. | 3 | 8 | 3 |
| 10. Cyanosis. | 3 | 8 | 3 |

III. Short answers on:

- | | | | |
|--|---|---|---|
| 1. List four features of neuropathic pain. | 1 | 5 | 1 |
| 2. List four metabolic causes of coma. | 1 | 5 | 1 |
| 3. List four features of vitamin B12 deficiency. | 1 | 5 | 1 |
| 4. Name any four antibiotics used in the treatment of enteric fever. | 1 | 5 | 1 |
| 5. Name four complications of falciparum malaria. | 1 | 5 | 1 |
| 6. List four causes for purpura. | 1 | 5 | 1 |
| 7. List four causes of bronchiectasis. | 1 | 5 | 1 |
| 8. Name the four target organs of hypertension. | 1 | 5 | 1 |
| 9. List any four methods for the diagnosis of Helicobacter Pylori infection. | 1 | 5 | 1 |
| 10. List any four cerebrospinal fluid changes in tuberculous meningitis. | 1 | 5 | 1 |

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Q. P. Code : 524081

Time: Three Hours

Maximum: 100 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Describe in detail the causes, clinical features and management of Pneumonia
2. Enumerate the causes of Parkinsonism and describe the approach to management of Idiopathic Parkinsonism.

II. Write notes on :

(10 x 5 = 50)

1. Rheumatic fever prophylaxis.
2. Malabsorption syndrome.
3. Ulcerative colitis.
4. Upper G.I. Endoscopy.
5. Atrial fibrillation.
6. Lung abscess.
7. Spirometry.
8. Peripheral Neuropathy.
9. EEG.
10. Snake-bite.

III. Short Answers on:

(10 x 2 = 20)

1. List four features of Organophosphorus Compound Poisoning.
2. Name four Inotropic drugs.
3. Name four complications of corrosive acid ingestion.
4. Four adverse effects of chloroquine.
5. Four features of vitamin deficiencies.
6. Four features of Swine Flu.
7. Four complications of cerebral.
8. Name four sexually transmitted diseases.
9. Four causes of syncope.
10. Four causes of obstructive jaundice.

[LD 551]

AUGUST 2013

Sub. Code : 4081

**THIRD M.B.B.S. DEGREE EXAMINATION
PART – II**

Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time: Three Hours

Maximum: 60 Marks

Answer ALL questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on: (2 x 10 = 20)

1. Etiology, clinical features, complications, investigations and management of Enteric fever.
2. Classify Diabetes Mellitus. Enumerate the acute complications of Diabetes Mellitus. Define about Dawn and Somogyi phenomenon.

II. Write notes on: (10 x 3 = 30)

1. Hepato renal syndrome
2. MDR-TB
3. Primitive reflexes
4. Lichen planus
5. Cardiac enzymes
6. Reactive arthritis
7. Asbestosis
8. Subacute Sclerosing Pan Encephalitis
9. Migraine
10. Paraneoplastic syndromes in Ca Lung

III. Short answers on: (10 x 1 = 10)

1. Four causes of fever with jaundice
2. Diagnosis of H.Pylori infection
3. Four causes of carpal tunnel syndrome
4. Four causes of dilated cardiomyopathy
5. Drugs for amoebiasis
6. Four immunosuppressive drugs
7. Mention four types of breathing patterns
8. Name four opportunistic infections in AIDS if CD 4 count <50
9. Name four complications of blood transfusion
10. Name four drugs causing gynecomastia.

**THIRD M.B.B.S. DEGREE EXAMINATION
PART – II**

Paper I – GENERAL MEDICINE

Q. P. Code : 524081

Time: Three Hours

Maximum: 60 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Define Aplastic Anaemia.
Discuss the aetiology, clinical features, investigations & treatment of Aplastic Anaemia.
2. Discuss the aetiology, pathology, clinical features, investigations and management of Chronic Bronchitis.

II. Write notes on:

(10 x 3 = 30)

1. Diabetic Retinopathy
2. Coarctation of aorta
3. Tumour lysis syndrome.
4. Weil's syndrome.
5. Irritable bowel syndrome
6. Organochlorine poisoning
7. Thyroid function tests
8. Eisenmenger's syndrome
9. Zollinger-Ellison syndrome
10. Manifestations and management of Digoxin toxicity.

III. Short Answers on:

(10 x 1 = 10)

1. List four complications of Mechanical ventilation
2. Name four causes of Metabolic encephalopathy
3. List four major contraindications of Thrombolytic therapy
4. Four complications of Measles
5. List four causes of Pneumothorax
6. List four causes of central cyanosis
7. List four causes of bilateral facial palsy of LMN type
8. Name four abnormal types of gait
9. Name four endocrine causes of weight gain
10. Signs of meningeal irritation.

THIRD YEAR M.B.B.S DEGREE EXAMINATION

PART - II

Paper I – GENERAL MEDICINE

Q. P. Code: 524081

Time: Three Hours

Maximum: 60 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 10 = 20)

1. Define seizure and epilepsy.
Classify epilepsy and discuss the clinical features of tonic clonic seizures and its management.
2. Discuss the pathophysiology, clinical features, investigations and management of Rheumatoid arthritis.

II. Write Notes on:

(10 x 3 = 30)

1. Paracetamol poisoning
2. Chikungunya fever
3. Anaphylaxis
4. Heat stroke
5. Pellagra
6. Malignant pleural effusion
7. Cholera
8. Polycystic kidney disease
9. Cardiac tamponade
10. Atrial septal defect.

III. Short Answers on:

(10 x 1 = 10)

1. Write four extra articular features of ankylosing spondylitis
2. Write four secondary causes of headache
3. List four diagnostic features of Beta thalassemia
4. List four drugs used in chronic Hepatitis B
5. List four important risk factors for Gastric cancer
6. List four features of hypoglycemia
7. List four external markers of Tuberculosis
8. List four neurocutaneous syndromes
9. Name four group of Beta lactam antibiotics
10. Name four Beta blockers.

[LG 551]

FEBRUARY 2015

Sub. Code: 4081

THIRD M.B.B.S. DEGREE EXAMINATION

PART – II

PAPER I – GENERAL MEDICINE

Q.P. Code: 524081

Time : Three Hours

Maximum : 60 marks

Answer ALL questions

I. Elaborate :

(2 x 10 = 20)

1. Define Parkinson's disease, etiology, clinical features and management.
2. Discuss the pathophysiology, clinical features, investigation and management of osteoporosis.

II. Write notes on :

(6 x 5 = 30)

1. Acid poisoning.
2. Enteric fever.
3. Pneumothorax.
4. Acute renal failure.
5. Hepatitis C.
6. Cardiomyopathy.

III. Short answers on :

(5 x 2 = 10)

1. List two systemic manifestations of chronic obstructive pulmonary disease.
2. List four causes of stroke in young.
3. List two ways of transmission of Ebola virus diseases.
4. Name two parenteral antihypertensive drug.
5. List two vaccines for Adult.

[LH 551]

AUGUST 2015

Sub. Code: 4081

THIRD M.B.B.S. DEGREE EXAMINATION

PART – II

PAPER I – GENERAL MEDICINE

Q.P. Code: 524081

Time : Three Hours

Maximum : 60 marks

Answer ALL questions

I. Elaborate :

(2 x 10 = 20)

1. Describe the – aetiology of Meningitis. Elaborate on the clinical features, management and complications of Tuberculous Meningitis.
2. Diagnostic criteria of Diabetes mellitus and elaborate on the clinical features and management of Diabetes Ketoacidosis.

II. Write notes on :

(6 x 5 = 30)

1. Febrile seizures.
2. Cephalosporins.
3. Gout.
4. Hodgkins lymphoma.
5. Bronchial asthma – step wise management.
6. Acute pulmonary edema.

III. Short answers on :

(5 x 2 = 10)

1. List two of the diagnostic criteria of SLE.
2. List two components of lateral medullary syndrome.
3. List two major clinical features of Ebola virus disease.
4. List two drugs in the management of OPC poisoning.
5. List the schedule of Hepatitis B vaccination.

[LI 551]

FEBRUARY 2016

Sub. Code: 4081

THIRD YEAR M.B.B.S. DEGREE EXAMINATION

PART - II

PAPER I – GENERAL MEDICINE

Q.P. Code : 524081

Time : Three Hours

Maximum : 60 Marks

Answer ALL questions

I. Elaborate on:

(2 x 10 = 20)

1. Discuss the etiological agent, pathogenesis, clinical manifestations, diagnosis and treatment of Leptospirosis.
2. Classify Tachyarrhythmias. Discuss in detail cause, clinical features, diagnosis, management and complications of Atrial Fibrillation.

II. Write notes on:

(6 x 5 = 30)

1. Megaloblastic Anemia.
2. Polycystic Kidney Disease.
3. Scorpion Sting.
4. Kawasaki disease.
5. HIV associated nephropathy.
6. Myasthenia Gravis.

III. Short answers on:

(5 x 2 = 10)

1. Name four drugs causing pleural effusion.
2. Two indications for bone marrow transplant.
3. Name two monoclonal antibodies.
4. Criteria for Metabolic Syndrome.
5. Two causes for multiple cavities in lung.

[LJ 551]

AUGUST 2016

Sub.Code :4081

**THIRD YEAR M.B.B.S. DEGREE EXAMINATION
PART II
PAPER I - GENERAL MEDICINE**

Q.P. Code: 524081

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Define acute hepatitis. Elaborate on the pathogenesis, clinical features, management and prevention of acute hepatitis due to hepatitis B virus.
2. Define anemia. Discuss the causes, clinical features and management of iron deficiency anemia.

II. Write notes on:

(6 x 5 = 30)

1. Hemolysis.
2. Diagnostic criteria for rheumatoid Arthritis.
3. Penicillins.
4. Paget's disease.
5. Asymptomatic urinary abnormalities.
6. Syncope.

III. Short answers on:

(5 x 2= 10)

1. Mention four causes of clubbing.
2. List two causes of sinus bradycardia.
3. List two causes of orthopnea.
4. List four causes of shock.
5. List four clinical features of ethanol poisoning.
