

[LB 0212]

AUGUST 2012

Sub. Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR**

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code : 801611

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order

I. Elaborate on:

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

1. Pulmonary tuberculosis.	7	20	10
2. Blood transfusion.	7	20	10
3. Acute myocardial infarction.	7	20	10

II. Write Notes on:

1. Insulins.	4	10	5
2. Hypothyroidism.	4	10	5
3. Steroid hormones.	4	10	5
4. Kidney function tests.	4	10	5
5. Risk factors for stroke.	4	10	5
6. Bad effects of alcohol.	4	10	5
7. Hepatitis.	4	10	5
8. Broad spectrum antibiotics.	4	10	5

III. Short Answers on:

1. Hippocretes.	2	4	3
2. Chromosomes.	2	4	3
3. Lab tests for aneamia.	2	4	3
4. Urinary tract infections (UTI).	2	4	3
5. Erythropoietin.	2	4	3
6. Chronic bronchitis.	2	4	3
7. Hypoglycemia.	2	4	3
8. Vitamin – D.	2	4	3
9. Anti - anginal drugs.	2	4	3
10. Scabies.	2	4	3

[LC 0212]

FEBRUARY 2013

Sub. Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code : 801611

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3X10=30)

1. Management of cerebral infarction (stroke).
2. Chronic obstructive pulmonary disease (COPD).
3. Antibiotics.

II. Write Notes on:

(8X5=40)

1. Reproductive (sex) Hormones.
2. Bronchial asthma.
3. Drug interactions.
4. Dengue fever.
5. Rheumatoid arthritis.
6. Routes drug administration.
7. Neuro transmitters.
8. Parkinsonism.

III. Short Answers on:

(10X3=30)

1. Geriatrics.
2. Immuno suppressive drugs.
3. Coronary artery bypass graft (CABG).
4. Hypovolemic shock.
5. Bile salt & bile pigments.
6. Intravenous fluids.
7. Anti viral agents.
8. Deep vein thrombosis.
9. Myxedema.
10. Glycemic index.

[LD 0212]

AUGUST 2013

Sub. Code: 1611

**BSC PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE & PHARMACOLOGY**

Q.P. Code : 801611

Time : Three hours

Maximum : 100 marks

Answer all questions

I. ELABORATE ON: (3×10=30)

1. Hypertension - Aetiology, Pathogenesis, Clinical Features, Investigation and treatment
2. Asthma - Aetiology, Pathogenesis, Clinical Features, Investigation and treatment
3. Ischemic stroke - Aetiology, Pathogenesis, Clinical Features, Investigation and treatment

II. WRITE NOTES ON: (8×5=40)

1. Falls due to ageing
2. Respiratory failure
3. Classification of viral infections
4. Arterial blood gases analysis
5. Polycystic ovarian syndrome
6. Oral antidiabetic drugs
7. Rheumatoid arthritis
8. Bell's palsy

III. SHORT ANSWERS ON: (10×3=30)

1. Beneficence
2. Dizziness
3. Mumps
4. Haemodialysis
5. Angina Pectoris
6. Colonoscopy
7. Lumbar puncture
8. Eczema
9. Bureger's disease
10. Peptic ulcer

[LE 0212]

FEBRUARY - 2014
B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR

Sub. Code: 1611

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code : 801611

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3X10=30)

1. Definition, classification and diagnosis of Diabetes mellitus.
2. Different clinical presentations of coronary artery disease (CAD).
3. Antihypertensive drugs

II. Write Notes on:

(8X5=40)

1. Status Asthmaticus.
2. Mutation.
3. Acid peptic Disease.
4. Anaphylaxis.
5. Meningitis.
6. Narcotics.
7. Deep vein thrombosis.
8. Non steroidal Anti inflammatory drugs (NSAID).

III. Short Answers on:

(10X3=30)

1. Glucagon.
2. Endoscopy.
3. Neuro radio – imaging.
4. Thrombolytic therapy.
5. Oxygen therapy.
6. Endotracheal intubation.
7. Routes of drugs administration.
8. Thyroid Function Test.
9. Investigations for pulmonary tuberculosis.
10. Laxatives.

[LF 0212]

AUGUST 2014

Sub Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE & PHARMACOLOGY**

Q.P. Code: 801611

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Elaborate on :

(3 x 10 = 30)

1. Bronchial Asthma – Etiology, Pathogenesis, Clinical Features, Investigations and treatment.
2. Risk factors, Pathophysiology, manifestations and treatment of MI.
3. Ischemic stroke – Etiology, Pathogenesis, Clinical Features, Investigation and treatment.

II. Write notes on:

(8 X 5 = 40)

1. Deep vein thrombosis.
2. Non steroidal Anti inflammatory drugs (NSAID).
3. Acute renal failure.
4. Oral hypoglycemic agents.
5. Mitral stenosis.
6. Basic Life Support.
7. Meningitis.
8. Peritonitis.

III. Short answers on:

(10 X 3 = 30)

1. Endotracheal intubation.
2. Hypovolemic shock.
3. Pneumothorax.
4. Anti-anginal drugs.
5. Urinary tract infections (UTI).
6. Types of fracture.
7. Methods of Oxygen therapy.
8. Lumbar puncture.
9. List down the types of anemia.
10. Route of administration.

[LG 0215]

FEBRUARY 2015

Sub Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY
Q.P. Code: 801611**

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. a) Define myocardial infarction.
b) Describe the Pathophysiology of myocardial infarction.
c) List the clinical features of myocardial infarction.
d) Emergency management of patient with MI.
2. Define fracture, types of fracture and management, stages in fracture healing.
3. Epilepsy – etiology, pathogenesis, clinical features, investigation and treatment.

II. Write notes on:

(8 x 5 = 40)

1. Pleural effusion.
2. Cardiac catheterization.
3. Medical management of bronchial asthma.
4. Intestinal obstruction.
5. Parkinsonism.
6. Typhoid fever.
7. Goiter.
8. Complications of diabetes mellitus.

III. Short answers on:

(10 x 3 = 30)

1. Mention 3 types of urinary incontinence.
2. Clinical manifestations of COPD.
3. ORS.
4. Risk factors for CVA.
5. Skeletal Muscle Relaxants.
6. Preanaesthetic medications.
7. Types of hernia.
8. Insulin
9. Laxatives
10. Cholecystectomy

[LH 0815]

AUGUST 2015

Sub Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write a detailed note on Routes of drug administration and drug interactions.
2. Chronic obstructive pulmonary disease – Aetiology, Pathogenesis, Clinical features, Investigations and Management.
3. Cerebral Infarction – Aetiology, Pathogenesis, Clinical features, Investigations and Treatment.

II. Write notes on:

(8 x 5 = 40)

1. Parkinsonism.
2. Fracture and its types.
3. Types of Anaemia and its lab investigations.
4. Vitamin D.
5. Atherosclerosis.
6. Complications of Diabetes Mellitus.
7. Typhoid fever.
8. Blood transfusion.

III. Short answers on:

(10 x 3 = 30)

1. IV fluids.
2. Pneumothorax.
3. Angina pectoris.
4. Risk factors for COPD.
5. Mention 3 types of urinary Incontinence.
6. Lumbar puncture.
7. Glycemic Index.
8. Peritonitis.
9. Name 3 Medical conditions associated with aging.
10. Anaphylaxis.

[LI 0216]

FEBRUARY 2016

Sub Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Diabetes Mellitus – Definition, classification, clinical features, investigations and Management.
2. Myocardial Infarction – Etiology, pathogenesis, clinical features, investigations and emergency management.
3. Status Asthmaticus – Definition, pathogenesis, clinical features and Management.

II. Write notes on:

(8 x 5 = 40)

1. Non steroidal Anti inflammatory drugs.
2. Epilepsy.
3. Basic Life Support.
4. Deep Vein thrombosis.
5. Narcotics.
6. Pulmonary Tuberculosis.
7. Respiratory failure.
8. Lumbar puncture.

III. Short answers on:

(10 x 3 = 30)

1. Acid peptic diseases.
2. Endoscopy.
3. Thyroid function tests.
4. Lab tests for Anaemia.
5. Methods of Oxygen therapy.
6. Risk factors for Coronary artery diseases.
7. Blood transfusion.
8. Parkinsonism.
9. Erythropoietin.
10. Urinary tract Infection.

[LJ 0816]

AUGUST 2016

Sub Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Clinical features, investigations and treatment of Status Epilepticus.
2. Clinical features and management of patients with Hypotension.
3. Clinical features, investigations and treatment of Congestive Cardiac failure.

II. Write notes on:

(8 x 5 = 40)

1. Mechanical Ventilator.
2. Complication of Diabetes mellitus.
3. Prevention of Dengue fever.
4. Oral Rehydration Solution.
5. Nebulization.
6. Hyperpyrexia.
7. Ryle's tube feeding.
8. Anti Tuberculosis drugs.

III. Short answers on:

(10 x 3 = 30)

1. Preventable complication of stroke.
2. Salbutamol.
3. Oral Anti Diabetic Drugs.
4. Risk factors for stroke.
5. Tetanus-Toxoid.
6. Causes of Central Chest pain.
7. Bladder Catheterization.
8. Normal Saline.
9. 25% dextrose.
10. Complication of Ascitic Fluid Tapping.

[LK 0217]

FEBRUARY 2017

Sub Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Bedside Investigations and immediate Management of Coma in Emergency Room.
2. Risk factors, clinical features and management of Myocardial infarction.
3. Drugs and Devices used in the management of Acute Severe Asthma. And add a note on side effects of drugs.

II. Write notes on:

(8 x 5 = 40)

1. Hypoglycemia.
2. Adrenalin.
3. Diagnosis of Pulmonary Tuberculosis.
4. Heat stroke.
5. Intercostal Tube Drainage.
6. Preventive Measures for Complication of Paraplegia.
7. Lumbar Puncture.
8. Hypotension.

III. Short answers on:

(10 x 3 = 30)

1. Risk factors for stroke.
2. Causes of fever with Jaundice.
3. Warning signs in Dengue fever.
4. Complication of Diabetes Mellitus.
5. Oral glucose Tolerance Test.
6. Heparin.
7. Anti TB drugs.
8. Phenytoin.
9. Causes of Haemetemesis.
10. Aspirin.

[LL 0817]

AUGUST 2017

Sub. Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY**

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Write about the aetiology, pathogenesis, clinical features, investigation and treatment of Hypertension.
2. Explain about the etiology, pathogenesis, clinical features, investigation and treatment of Ischemic stroke.
3. List the clinical features, investigations and treatment of Congestive Cardiac failure.

II. Write notes on:

(8 x 5 = 40)

1. Explain the role of antibiotics in medical management of diseases.
2. Write about drug interactions.
3. Explain in detail about status asthmaticus.
4. Write about Anti Tuberculosis drugs.
5. Explain about steroid hormones.
6. Write about Dengue fever and its management.
7. Explain the management of Diabetes mellitus.
8. Explain how atherosclerosis can cause diseases.

III. Short answers on:

(10 x 3 = 30)

1. Explain about Oral glucose tolerance test.
2. Write about uses of Aspirin.
3. What are the common causes of central chest pain?
4. Write about salbutamol.
5. Benefits of Oral Rehydration solution.
6. Write about Parkinsonism.
7. Urinary Tract infection. Explain.
8. What is pneumothorax?
9. Explain about anaphylaxis reaction.
10. List the types of hernia.

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Write the definition, classification and diagnosis of Diabetes mellitus.
2. Explain the etiology, pathogenesis, clinical features, investigations and management of Myocardial infarction.
3. Etiology, pathogenesis, clinical features, investigations and treatment of Bronchial asthma.

II. Write notes on:

(8 x 5 = 40)

1. Explain about routes of drug administration.
2. Write about the types of Anaemia and its lab investigations.
3. What are the complications of diabetes mellitus?
4. Explain about Basic Life Support.
5. What are the uses and benefits of Narcotics?
6. What are Non steroidal Anti inflammatory drugs (NSAID)? Explain.
7. What is Deep vein thrombosis? List the causes and management.
8. Explain about broad spectrum antibiotics.

III. Short answers on:

(10 x 3 = 30)

1. Explain about hypoglycemia.
2. Write about geriatric care.
3. Explain the uses of anti viral agents.
4. What is Bell's palsy?
5. Write about anti tuberculosis drugs.
6. Write notes on blood transfusion.
7. Explain about lumbar puncture procedure.
8. What is atherosclerosis?
9. List the causes of chronic obstructive pulmonary disease.
10. Write about skeletal muscle relaxants.

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY**

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Write the definition, classification, clinical features, investigations and management of Diabetes Mellitus.
2. Clinical features, investigations and treatment of Congestive Cardiac failure.
3. Write about Chronic obstructive pulmonary disease (COPD).

II. Write notes on: **(8 x 5 = 40)**

1. Write about falls that occur due to ageing.
2. Write about Non steroidal Anti inflammatory drugs (NSAID).
3. Explain about the causes and treatment of epilepsy.
4. List the risk factors for Stroke.
5. Explain about the types of fractures.
6. Explain about the management of status asthmaticus.
7. Write about oral Anti diabetic drugs.
8. Route of drug administration. Explain.

III. Short answers on: **(10 x 3 = 30)**

1. What are the common risk factors for Myocardial infarction?
2. Write about preanaesthetic medications.
3. What are the types of urinary incontinence?
4. Explain about Oral Rehydration Solution.
5. Write about Oxygen therapy.
6. Explain about endoscopy.
7. Write about lumbar puncture.
8. Write the causes and treatment of deep vein thrombosis.
9. Write about intravenous fluids.
10. Anti angina drugs. Explain.

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY**

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Clinical features, investigations and treatment of acute myocardial infarction.
2. Clinical features, investigations and treatment of chronic obstructive pulmonary disease (COPD).
3. Clinical features, investigations and treatment of Cirrhosis of the liver.

II. Write notes on: **(8 x 5 = 40)**

1. Treatment of congestive heart failure.
2. Effects and side effects of nonsteroidal anti inflammatory drugs (NSAID).
3. Presentation and management of Myxedema.
4. Urinary incontinence in the elderly patients.
5. Treatment of acute severe asthma.
6. List the risk factors for strokes.
7. Classification of anti hypertensive drugs.
8. Management of anaphylactic shock.

III. Short answers on: **(10 x 3 = 30)**

1. Mention different modes of excretion of drugs.
2. Write about pre anesthetic medications.
3. Complications of blood transfusion.
4. Clinical features and treatment of Bell's palsy.
5. Notes on falls in the elderly.
6. Procedure for Lumbar puncture.
7. Antiamebic drugs and its uses.
8. Anti epileptic drugs.
9. Nasogastric feeding.
10. Immediate management of poisoning.

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY**

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Classification, investigations and treatment of Hypertension.
2. What is body mass index? Mention complications and treatment of Obesity.
3. What are investigations, complications and treatment of Peptic ulcer.

II. Write notes on: **(8 x 5 = 40)**

1. Diagnosis of Ascites.
2. Investigations of Jaundice.
3. Thyrotoxicosis.
4. Nasogastric aspiration.
5. Anti tuberculosis therapy.
6. Oral rehydration solutions.
7. Oral anti diabetic drugs.
8. Haemodialysis – principles and indications.

III. Short answers on: **(10 x 3 = 30)**

1. Mention different routes of administration of drugs.
2. Oxygen therapy – indications.
3. Prevention and treatment of deep vein thrombosis.
4. Write about intravenous fluid therapy.
5. Upper gastro intestinal endoscopy.
6. Causes of chronic obstructive pulmonary disease.
7. Causes and management of hypoglycemia.
8. Causes of pneumothorax.
9. Management of anaphylaxis.
10. Mode of action of proton pump inhibitors.

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR
PAPER I – MEDICINE AND PHARMACOLOGY**

Q.P. Code: 801611

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Clinical features, investigations and management of diabetic ketocidosis.
2. Classification and mode of action of anti hypertensive drugs.
3. Investigations and management of acute gastroenteritis.

II. Write notes on: **(8 x 5 = 40)**

1. Diagnosis of pleural effusion.
2. Investigations and treatment of acute viral hepatitis.
3. Thyroxine.
4. Naso gastric tube feeding.
5. Management of ascites.
6. Anti epileptic drugs.
7. Drug therapy of peptic ulcer.
8. Management of angina.

III. Short answers on: **(10 x 3 = 30)**

1. Risk factors for coronary artery disease.
2. Clinical features of dengue fever.
3. Inhalation therapy in bronchial asthma.
4. Complications of cirrhosis of liver.
5. Anti thyroid drugs.
6. Peripheral neuropathy.
7. Levofloxacin – therapeutic ulcer.
8. Causes of hemiplegia.
9. Evaluation of oedema of feet relating to causes.
10. Uses of metformin.

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

[AHS 0321]

MARCH 2021

Sub. Code: 1611

(AUGUST 2020 EXAM SESSION)

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR (Regulations 2010-2011 & 2014-2015)

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code : 801611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Anaemia: Definition, Types, Clinical Features, Investigations and Treatment.
2. Epilepsy: Definition, Classification, Clinical features, Investigations and Treatment.
3. Write in detail about Pulmonary Tuberculosis.

II. Write notes on:

(8 x 5 = 40)

1. Urinary Tract Infection.
2. Oral Rehydration Solution.
3. Brain Death.
4. Cardiogenic Shock.
5. Pleural Effusion.
6. Hepatitis.
7. Nephrotic Syndrome.
8. Anaphylaxis.

III. Short answers on:

(10 x 3 = 30)

1. Goitre.
2. Deep vein Thrombosis.
3. Types of Fracture.
4. Drugs used in Emergency Room.
5. Bronchoscopy.
6. Typhoid Fever.
7. Adult Vaccines.
8. Water Soluble Vitamins.
9. Phenytoin.
10. Nebulisation.

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

[AHS 0222]

**FEBRUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR (Regulations 2010-2011 & 2014-2015)
PAPER I – MEDICINE AND PHARMACOLOGY
Q.P. Code : 801611**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write about the aetiology, pathogenesis, clinical features, investigation and treatment of pulmonary tuberculosis.
2. Explain about the aetiology, pathogenesis, clinical features, investigation and treatment of epilepsy.
3. Antihypertensive drugs.

II. Write notes on:

(8 x 5 = 40)

1. Diabetes mellitus.
2. Scabies.
3. Narcotics.
4. Falls due to ageing.
5. Cerebro vascular accident.
6. Dengue.
7. Blood transfusion.
8. Peritonitis.

III. Short answers on:

(10 x 3 = 30)

1. DOTS.
2. Neurotransmitters.
3. Types of fracture.
4. 25% dextrose
5. Bile salt & bile pigments.
6. Bladder catheterization.
7. Mechanical Ventilator.
8. Thyroid.
9. Intercostal tube drainage
10. Glasgow Coma Scale

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

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 1611

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR (Regulations from 2010-2011 & 2014-2015)

PAPER I – MEDICINE & PHARMACOLOGY

Q.P. Code : 801611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Hypothyroidism: Clinical Features, Investigations and Treatment.
2. Non Steroidal Anti Inflammatory Drugs: Classification. Write in detail about mechanism of action, uses and adverse effects of Aspirin.
3. Pneumonia: Types, Etiology, Clinical Features, Investigations and Treatment.

II. Write notes on:

(8 x 5 = 40)

1. Systemic Lupus Erythematosus.
2. Snake Envenomation and its management.
3. Chronic Kidney Disease.
4. Management of chronic gout.
5. Proton pump Inhibitor.
6. Malaria.
7. Rheumatic Heart Disease.
8. Atrial Fibrillation.

III. Short answers on:

(10 x 3 = 30)

1. Endotracheal Intubation.
2. Penicillin.
3. Acute Gastro Enteritis.
4. Complications of Diabetes Mellitus.
5. Respiratory Failure.
6. Ascites.
7. Laxatives.
8. Colonoscopy.
9. Heparin.
10. Cushing's syndrome.

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

[AHS 0423]

APRIL 2023

Sub. Code: 1611

**B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)
PAPER I – MEDICINE AND PHARMACOLOGY
Q.P. Code: 801611**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Asthma - Aetiology, Pathogenesis, Clinical Features, Investigations and Treatment.
2. Parkinsonism - Aetiology, Pathogenesis, Clinical Features, Investigations and Treatment.
3. Myocardial Infarction – Etiology, Pathogenesis, Clinical Features, Investigations and Treatment.

II. Write notes on:

(8 x 5 = 40)

1. Oral antidiabetic drugs.
2. Hepatitis B infection.
3. Rheumatoid arthritis.
4. Immunosuppressants.
5. Iron deficiency Anaemia.
6. Chemoprophylaxis and treatment of Malaria.
7. Urinary Tract Infection.
8. Clinical features and treatment of Bell's palsy.

III. Short answers on:

(10 x 3 = 30)

1. Thrombolytic therapy.
2. Laxatives.
3. Mention four Antithyroid drugs.
4. Mention four Anthelmintic drugs.
5. Peripheral Neuropathy - Management.
6. Hemodialysis.
7. Endoscopy.
8. Significance of HbA₁C.
9. Mention different modes of excretion of drugs.
10. Name four adverse effects of NSAIDs.

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1611

B.Sc. PHYSICIAN ASSISTANT
SECOND YEAR (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)
PAPER I – MEDICINE AND PHARMACOLOGY
Q.P. Code: 801611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: **(3 x 10 = 30)**

1. Write the definition, classification, clinical features, investigations and management of Diabetes Mellitus.
2. What are investigations, complications and treatment of Peptic ulcer?
3. Classification, investigation and treatment of Hypertension.

II. Write notes on: **(8x5=40)**

1. Drug interactions.
2. Medical management of bronchial asthma.
3. Basic Life Support.
4. Fracture and its types.
5. Complications and treatment of Tuberculosis.
6. Anti Viral drugs.
7. Liver cirrhosis.
8. Non Steroidal Anti Inflammatory Drugs (NSAID).

III. Short answers on: **(10 x 3 = 30)**

1. Intravenous fluid therapy.
2. Antimalarial drugs.
3. Heparin.
4. Ryle's tube feeding.
5. Local anaesthetics.
6. Antiemetics.
7. Skeletal muscle relaxants.
8. Water Soluble Vitamins.
9. Phenytoin.
10. Anaphylaxis - treatment.

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

[AHS 0424]

APRIL 2024

Sub. Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write the definition, clinical features, investigations and management of Congestive Heart failure.
2. Explain about Diuretics and Antidiuretics with example.
3. What are the clinical features and treatment of Bronchial asthma?

II. Write notes on:

(8 x 5 = 40)

1. Routes of drug administration.
2. Neurotransmitters.
3. Thyroid Function Test.
4. Insulin.
5. Emergency management of patient with Myocardial Infarction.
6. What is Deep Vein Thrombosis? List the causes and management.
7. Antidiarrheal.
8. Oral Rehydration Salt (ORS).

III. Short answers on:

(10 x 3 = 30)

1. Define General Anesthesia with example of drugs.
2. Methods of Oxygen therapy.
3. Treatment of Amoebic dysentery.
4. Antiarrhythmic drugs.
5. Analgesics.
6. Peritoneal dialysis.
7. Basic Life Support.
8. Pre Anesthetic Medications.
9. Emergency management of Poisoning.
10. Medical Ethics.

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

[AHS 1125]

NOVEMBER 2025

Sub. Code: 1611

B.Sc. PHYSICIAN ASSISTANT

SECOND YEAR (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)

PAPER I – MEDICINE AND PHARMACOLOGY

Q.P. Code: 801611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: **(3 x 10 = 30)**

1. Peptic Ulcer – Pathogenesis, investigations, complications and treatment.
2. Cerebro Vascular Accident (CVA) - Types, Clinical Features, Investigations and Management.
3. Bronchial Asthma - Aetiology, Pathogenesis, Clinical Features, Investigations and Treatment.

II. Write notes on: **(8 x 5 = 40)**

1. Various Intra Venous Fluids and Indications.
2. Anti Diabetic Drugs.
3. Osteoporosis.
4. Treatment for Typhoid Fever.
5. Describe Complete Blood Count (CBC) and HbA1c.
6. Management of Angina.
7. Urinary tract infection (UTI) management.
8. Anti tuberculosis therapy.

III. Short answers on: **(10 x 3 = 30)**

1. Hyperthermia.
2. Transfusion Reaction Management.
3. Vitamin K.
4. Rabies Management.
5. Methanol Poisoning.
6. Laxatives – Types and Uses.
7. Clinical features of Parkinsonism.
8. Angiotensin Converting Enzyme Inhibitors (ACEI).
9. Viral Hepatitis.
10. Pleural Tapping.
