

**BPT DEGREE EXAMINATION**  
**(Regulations for the candidates admitted from 2017-2018 onwards)**  
**SECOND YEAR**  
**PAPER – I GENERAL MEDICINE, GENERAL SURGERY,**  
**PAEDIATRICS AND GERIATRICS**

*Q.P. Code : 746276*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Define Diabetes Mellitus. Describe the etiology, types, clinical features, diagnosis, complication and management of Diabetes Mellitus and role of physiotherapy in neurological complication.
2. Discuss the etiology, pathology, clinical features and management of COPD including Physiotherapy.

**II. Write notes on:** **(10 x 5 = 50)**

1. Hospital acquired pneumonia.
2. Epilepsy types and management.
3. Hepatitis B.
4. Scleroderma.
5. Bell's palsy management and physiotherapy.
6. Acute abdomen.
7. Skin graft.
8. Proximal muscle weakness in children.
9. Complications of measles.
10. Herpes zoster.

**III. Short answers on:** **(10 x 2 = 20)**

1. CSF examination.
2. Polio vaccination.
3. Complications of Urinary tract infection.
4. Haemodialysis indications.
5. Deep vein thrombosis prevention.
6. Name four Bleeding disorders.
7. Secondary hypertension causes.
8. Complications of Thyroidectomy.
9. Ventricular septal defect (VSD).
10. Investigations to diagnose HIV.

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**(Regulations for the candidates admitted from 2017-2018 onwards)**  
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**PAEDIATRICS AND GERIATRICS**

*Q.P. Code : 746276*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Elaborate the clinical features, diagnosis and management of patients presenting with Acute Coronary Syndrome (ACS). Explain in detail the role of physiotherapy in the Rehabilitation of patient.
2. Define Cerebral Palsy. Describe the types, causes, clinical manifestations, investigations and treatment of Cerebral Palsy and role of physiotherapy.

**II. Write notes on:** **(10 x 5 = 50)**

1. Differentiate Acute and Chronic Renal Failure. Briefly outline the management plan for both of them.
2. Clinical presentation and management of a patient with Motor Neuron disease.
3. Osteoarthritis and physiotherapy.
4. Haemophilia and management.
5. Mastectomy: Indications, surgical techniques and potential per operative complication.
6. Meningitis.
7. Bronchial Asthma and chest physiotherapy.
8. Classify severity of burns and degree of involvement.
9. Diabetic macro vascular complications.
10. Urinary tract infections.

**III. Short answers on:** **(10 x 2 = 20)**

1. Mention four cyanotic congenital heart diseases.
2. What is cyanosis? Mention two pulmonary causes for cyanosis.
3. Name the four first line drugs used to treat pulmonary tuberculosis.
4. Mention the clinical features of calcium deficiency in children and adults.
5. Modifiable risk factors for Myocardial Infarction.
6. Mention four causes for facial diplegia.
7. Mention four causes for lower motor lesion.
8. Mention four causes for acute hepatitis.
9. Bronchiectasis features and role of physiotherapy.
10. Mention the normal temperature, normal blood pressure, normal pulse rate and normal respiratory rate in healthy adult males.

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

[LR 1220]

**DECEMBER 2020  
(AUGUST 2020 EXAM SESSION)**

**Sub. Code: 6276**

**BPT DEGREE EXAMINATION  
SECOND YEAR**

**(New regulations for the candidates admitted from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS  
Q.P. Code : 746276**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe in detail about pathophysiology, clinical features, investigations and treatment for Chronic Renal Failure.
2. Describe the various manifestations of Mycobacterium Tuberculosis Infection and Detail about Pott's spine and the complications, methods of physiotherapy for Paraplegic patient.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Gestational Diabetes.
2. Lung Abscess.
3. Chest Physiotherapy for Bronchial Asthma.
4. Cerebral Palsy.
5. Hemophilia.
6. Heart Failure.
7. Polymyositis.
8. Acute Meningitis.
9. Classify severity of burns and degree of involvement.
10. Osteoarthritis and physiotherapy.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Rheumatoid Arthritis in Pregnancy.
2. Safe Blood Transfusion methods.
3. Myasthenic Crisis.
4. Prophylaxis for Deep Vein Thrombosis.
5. Diabetic Neuropathy.
6. Dermatomyositis.
7. Ventricular Septal Defect.
8. Acute Memory Loss.
9. Chicken Pox.
10. Neurosyphilis.

[BPT 0921]

SEPTEMBER 2021  
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 6276

**BPT DEGREE EXAMINATION**  
**SECOND YEAR**  
(Regulations for the candidates admitted from 2017-2018 onwards)  
**PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /**  
**GERIATRICS**  
*Q.P. Code : 746276*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Define Rheumatoid Arthritis. Discuss causal factors, clinical manifestations, investigations and treatment of Rheumatoid Arthritis.
2. Define stroke. Discuss etiology, pathology, clinical features and management of Cerebro Vascular Accident.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Dushenne muscular dystrophy.
2. Falls in elderly.
3. Megaloblastic anaemia.
4. Appendicectomy.
5. Pigeon chest.
6. Hepatitis A.
7. Marasmus.
8. Systemic Lupus Erythematosus.
9. Indications of hysterectomy.
10. Scalds.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Blood supply to heart.
2. Chorea.
3. Name four vitamin deficiency diseases.
4. Osteomalacia.
5. Define tendon transfer operation.
6. Body Mass Index.
7. Prevention of AIDS.
8. Grading of blood pressure.
9. Causative organisms of Meningitis.
10. Emphysema.

[BPT 0122]

JANUARY 2022  
(AUGUST 2021 EXAM SESSION)

Sub. Code: 6276

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE**  
**SECOND YEAR (Regulations from 2017-2018 onwards)**  
**PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /**  
**GERIATRICS**  
*Q.P. Code : 746276*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe in detail about aetiology, patho physiology clinical features and management of Bronchiectasis including chest physiotherapy.
2. Describe the etiopathology of varicose veins of the legs and its clinical features, Complications, investigations and Management.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Heart failure.
2. Prevention of Poliomyelitis.
3. Hepatitis B.
4. Acute abdomen.
5. Z-plasty.
6. Parkinsonism.
7. Herpetic Neuralgia.
8. Antihypertensive drugs.
9. Thrombo Angitis Obliterans.
10. Marasmus.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Fallot's Tetralogy.
2. Alcoholic hepatic Encephalopathy.
3. Indications of hysterectomy.
4. Grading of blood pressure.
5. Barrel chest.
6. Dystonia.
7. Keloid.
8. Diabetes mellitus type I.
9. Absence seizure.
10. Diastasis recti.

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

**[BPT 0622]**

**JUNE 2022  
(FEBRUARY 2022 EXAM SESSION)**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR (Regulations from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS  
Q.P. Code : 746276**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the etiology, clinical features and management of Acute Myocardial infarction.
2. Define muscular dystrophy, briefly describe the clinical features and management of Duchenne Muscular dystrophy.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Marasmus.
2. Rickets.
3. Megaloblastic Anaemia.
4. Bronchiectasis.
5. Hepatitis B.
6. Hospital acquired pneumonia.
7. Encephalitis.
8. Z-Plasty.
9. Appendicitis.
10. Acute abdomen.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Investigations for HIV.
2. Grading of blood pressure.
3. Define Hydrocephalus.
4. Causative organism for meningitis.
5. Complications of Thyroidectomy.
6. Polio Vaccines.
7. Define dystonia.
8. Body mass index.
9. Types of stroke.
10. Name four auto Immune diseases.

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

**[BPT 1022]**

**OCTOBER 2022  
(AUGUST 2022 EXAM SESSION)**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR- (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS  
Q.P. Code : 746276**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Define BURNS. Write in details about etiopathogenesis, Clinical features, Complications and Management of BURNS.
2. What is Gout? Explain in details about Pathogenesis, Clinical Presentation, Complications, Investigations and Management of Gout.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Urinary tract infections.
2. Thyroidectomy.
3. Chicken pox.
4. Meningitis.
5. Primary Hypertension.
6. Gestational Diabetes mellitus.
7. Antepartum Hemorrhage.
8. Megaloblastic Anemia.
9. Scleroderma.
10. Transversemyelitis.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Types of Emphysema.
2. Status Epilepticus.
3. Aplastic Anemia.
4. Herpes Zoster.
5. Lumbar Puncture.
6. Kyphoscoliosis.
7. Pedicle graft.
8. Causes of Mental Retardation.
9. Define stroke.
10. Hemophilia.

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

**[BPT 0423]**

**APRIL 2023  
(FEBRUARY 2023 EXAM SESSION)**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR - (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS**

***Q.P. Code: 746276***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Define Aging. Write the Theories of Aging and Physiological changes that occur due to aging. Discuss about the Diseases commonly encountered in elderly population and falls in elderly.
2. Describe the etiology, clinical features and management of Acute Myocardial infarction.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Myasthenia gravis.
2. Abdominal surgical incisions.
3. Urinary tract infections.
4. Meningitis.
5. Atrial Septal Defect (ASD).
6. Atelectasis.
7. Chest wall deformities.
8. Duchenne muscular dystrophy.
9. Blood supply to the brain.
10. Poliomyelitis.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Senile Osteoporosis.
2. Complications of measles.
3. Chronic renal failure.
4. Hysterectomy and its complications.
5. Name four Bleeding disorders.
6. DVT.
7. Osteomalacia.
8. Diastasis recti.
9. Define Hydrocephalus.
10. Name four auto Immune diseases.

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

[BPT 1123]

**NOVEMBER 2023  
(AUGUST 2023 EXAM SESSION)**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR - (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS**

*Q.P. Code: 746276*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. What is cerebral Palsy? Explain about causes, Pathogenesis and pathology, Clinical features, Investigations Management of cerebral palsy.
2. What is Coronary Artery Disease? Explain in detail about acute Myocardial Infarction.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Spina Bifida.
2. Pathogenesis of Rheumatoid Arthritis.
3. Hydrocephalus.
4. Pregnancy Induced Hypertension.
5. Tetanus.
6. Ileostomy.
7. German measles.
8. Senile osteoporosis.
9. Pneumonia.
10. Cataract.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Scalds.
2. Complications of Hysterectomy.
3. Osteophytes.
4. Incisions of Appendectomy.
5. Tophi.
6. Dystonia.
7. Rickets.
8. Define chronic bronchitis.
9. Microcephaly.
10. PDA.

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

**[BPT 0824]**

**AUGUST 2024**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR - (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS**

***Q.P. Code: 746276***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Define Osteoarthritis. Discuss the clinical features, pathology and management of Osteoarthritis.
2. Define Burns. Describe the types, causes, pathophysiology, clinical assessment, management, deformities and plastic surgery correction procedures in Burns.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Maternal factors of High Risk pregnancy.
2. Hypertension and its clinical management.
3. Vitamin Deficiency disorders.
4. Hepatitis B.
5. Tuberculosis and its management.
6. Postural Hypotension and its management.
7. Chronic renal failure.
8. Angina pectoris.
9. Stroke.
10. Meningitis.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Keloid.
2. Degrees of burns.
3. Spina bifida.
4. Cataracts.
5. Malnutrition.
6. Gestational diabetes.
7. Cholecystectomy.
8. Alzheimer disease.
9. Etiology of cerebral palsy.
10. Potts spine.

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

**[BPT 0225]**

**FEBRUARY 2025**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR - (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS**

***Q.P. Code: 746276***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiology, pathology, clinical features and management of COPD.
2. Define Cerebral Palsy. Discuss the causes, types, clinical features and management of Cerebral Palsy.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Immunization schedule.
2. Spinal deformities.
3. Rules of Nine for assessment of Burns.
4. Human Immunodeficiency Virus.
5. Deep Vein Thrombosis.
6. Clinical features of DMD.
7. Skin grafting and its types.
8. Myocardial Infarction.
9. De-conditioned status.
10. Rheumatic fever.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Principles of tendon transfer.
2. Status Epilepticus.
3. Define stroke.
4. Define chronic bronchitis.
5. Tetralogy of Fallot.
6. Bronchiectasis.
7. Body mass index.
8. Congenital Dislocation of Hip.
9. Myasthenia Gravis.
10. Patent ductus arteriosus.

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

[BPT 0825]

**AUGUST 2025**

**Sub. Code: 6276**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
SECOND YEAR - (Regulation from 2017-2018 onwards)  
PAPER I – GENERAL MEDICINE / GENERAL SURGERY / PAEDIATRICS /  
GERIATRICS**

*Q.P. Code: 746276*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. What is cerebrovascular accident? Describe the common causes of a CVA, clinical features and diagnosis and prevention.
2. What are the causes of meningitis and encephalitis in children? How can we differentiate between them clinically? How can we diagnose these infections? Describe the short and long term complications of these infections.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Osteoporosis in the elderly.
2. Management of hypertension.
3. Indications and complications of appendicectomy.
4. Risk factors of Ischemic Heart Disease.
5. Describe a few physiological changes that occur in normal aging.
6. Describe social-adaptive milestones in development from birth to 3 years of age.
7. Tetanus – cause, clinical features, prevention.
8. Gestational diabetes.
9. Pulmonary embolism – clinical features and diagnosis.
10. Symptoms and signs of progressive osteoarthritis of the knee.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Risk factors for cerebral palsy.
2. Modes of transmission of infectious diseases.
3. Coal workers pneumoconiosis.
4. MR vaccine.
5. Sources of Vitamin D.
6. Meningocele.
7. Hemophilia – mode of inheritance.
8. Causes of obesity.
9. Dystonia.
10. The four components of Tetralogy of Fallot.

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