

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

[BPT 0122]

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

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS
Q.P. Code : 746287**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the detail of Pre and Post Operative management for a 55 year old female following Unilateral below knee amputation.
2. Classify Head of Femur fracture. Describe the Physiotherapy management for fracture head of Femur.

II. Write notes on:

(10 x 5 = 50)

1. Fat Embolism.
2. Dupuytren's Contracture.
3. Shoulder impingement syndrome.
4. Pott's fracture.
5. Tennis elbow.
6. Radial Nerve Injury.
7. Milwaukee brace.
8. Osteoporosis.
9. RA Spine.
10. Carpal tunnel syndrome.

III. Short answer on:

(10 x 2 = 20)

1. Thomas Test.
2. Types of Pain.
3. Arthrodesis.
4. Types of Leprosy.
5. Rules of Nine.
6. Claw hand.
7. Ideal Stump.
8. Smith Fracture.
9. One leg extension test.
10. Jumper's Knee.

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

[BPT 0622]

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

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS
*Q.P. Code : 746287***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the causes, pathology and clinical features and physiotherapy management of Ankylosing spondylitis.
2. Describe the PT Management of Supra Condylar fracture at elbow which was conservatively managed. Write briefly about complications of Supra Condylar fracture.

II. Write notes on:

(10 x 5 = 50)

1. PT Management for ACL injury of knee.
2. Dupuytren's contracture.
3. PT management for lumbar spondylolisthesis.
4. Pain Assessment and PT Management.
5. Kyphosis.
6. Special tests and management for Congenital dislocation of hip.
7. Various methods of draining edema.
8. Post surgical PT management for T.B. Spine.
9. Principles of tendon transfer.
10. Dequervain's disease.

III. Short answer on:

(10 x 2 = 20)

1. Splints for scoliosis.
2. Lumbar pelvic rhythm.
3. Guillotine amputation.
4. Grading of ligamentous instability.
5. Degrees of Burns.
6. Complications of fracture.
7. Feiss line.
8. CTEV.
9. Trigger finger and trigger thumb.
10. Torticollis.

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

[BPT 1022]

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

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS
*Q.P. Code : 746287***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Classify Humeral Shaft fracture. Describe the Physiotherapy evaluation and management for fracture shaft of humerus.
2. Describe Physiotherapy management for 50 year old obese female affected with L4 - L5 posterolateral disc extrusion.

II. Write notes on:

(10 x 5 = 50)

1. Piriformis Syndrome.
2. Normal and Abnormal end feel.
3. Post operative Management of Radial head excision.
4. Subacromial bursitis.
5. Chondromalacia Patella.
6. Galeazzi fracture.
7. Role of Physiotherapy in Shoulder Instability.
8. List the deformities and Management of Rheumatoid arthritis.
9. PT management of Grade II lateral ligament Sprain of Ankle joint.
10. Plantar Fasciitis.

III. Short answer on:

(10 x 2 = 20)

1. SLAP lesion.
2. P.R.I.C.E protocol.
3. March foot.
4. Chopart joint.
5. Lisfranc amputation.
6. McMurray's test.
7. Metatarsalgia.
8. Types of traction
9. Ape thumb deformity.
10. Late complications of fracture.

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

[BPT 0423]

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

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR - (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS**

Q.P. Code: 746287

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Write in detail about physiotherapy assessment and management of 42 years old female teacher with rheumatoid arthritis.
2. Write in detail about physiotherapy assessment and management neck of femur fracture.

II. Write notes on:

(10 x 5 = 50)

1. Periarthritis shoulder.
2. Idiopathic scoliosis.
3. Foot drop.
4. Galleazi Fracture.
5. Jorden's principle of three point pressure.
6. Tarsal tunnel syndrome.
7. PT management of Shaft of humerus.
8. Symes prosthesis.
9. Maitland mobilization grading.
10. Anterior and posterior drawer's test.

III. Short answer on:

(10 x 2 = 20)

1. Volkman's ischemic contracture.
2. Osteopenia.
3. End feel.
4. Limb length discrepancy.
5. Rupture of Tendo Achilles.
6. Mills test.
7. Stages of fracture healing.
8. Bamboo spine.
9. Painful arc syndrome.
10. Slump test.

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

[BPT 1123]

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

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR - (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS**

Q.P. Code: 746287

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe in detail about physiotherapy assessment and management of intervertebral disc prolapse at L5 – S1 level for 38 years old female tailor.
2. Write in detail about phases, determinants and physiotherapy assessment of Gait.

II. Write notes on:

(10 x 5 = 50)

1. Myositis ossificans.
2. Congenital Talipes Equinovarus.
3. Metatarsalgia.
4. Stages of fracture healing process.
5. Ankylosing spondylitis.
6. MRC grading for muscle power.
7. Pain assessment.
8. Patellar tendon prosthesis.
9. Recurrent dislocation of shoulder.
10. Adson's test.

III. Short answer on:

(10 x 2 = 20)

1. McMurray's test.
2. Perthes disease.
3. Gout arthritis.
4. Thompson test.
5. Subacromial bursitis.
6. Empty Can test.
7. Dennis brown splint.
8. Feiss line.
9. Non union.
10. Rule of nine in burns.

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

[BPT 0824]

AUGUST 2024

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS**

Q.P. Code: 746287

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the mechanism of injury, Clinical features, Investigation, Diagnosis and Management of Colle's Fracture.
2. Describe in detail about the PT evaluation, post operative and prosthetic stage management of a patient with Symes amputation.

II. Write notes on:

(10 x 5 = 50)

1. Bicipital tendonitis.
2. Gait training after Total Hip Arthroplasty.
3. Congenital Talipes Equino Varus.
4. Intercondylar Fracture.
5. Foot Drop.
6. Cervical Spondylosis and its PT management.
7. Gait training for unequal limb length.
8. Complications of Fracture.
9. Sciatica.
10. Types of Pathological Gait.

III. Short answer on:

(10 x 2 = 20)

1. Boutonniere deformity.
2. Dupuytren's contracture.
3. Flat foot.
4. Isometric neck exercises.
5. Lumbosacral Corset.
6. Lateral Ligament Injury.
7. Deep Vein Thrombosis.
8. Coxa Vara.
9. Stages of Fracture Healing.
10. Lordosis.

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

[BPT 0225]

FEBRUARY 2025

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS**

Q.P. Code: 746287

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe in detail about physiotherapy assessment and management of intervertebral disc prolapse at L5 – S1 level for 38 years old female tailor.
2. Write in detail about phases, determinants and physiotherapy assessment of Gait.

II. Write notes on:

(10 x 5 = 50)

1. Myositis ossificans.
2. Congenital Talipes Equinovarus.
3. Metatarsalgia.
4. Stages of fracture healing process.
5. Ankylosing spondylitis.
6. MRC grading for muscle power.
7. Pain assessment.
8. Patellar tendon prosthesis.
9. Recurrent dislocation of shoulder.
10. Adson's test.

III. Short answer on:

(10 x 2 = 20)

1. McMurray's test.
2. Perthes disease.
3. Gout arthritis.
4. Thompson test.
5. Subacromial bursitis.
6. Empty Can test.
7. Dennis brown splint.
8. Feiss line.
9. Non union.
10. Rule of nine in burns.

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

[BPT 0825]

AUGUST 2025

Sub. Code: 6287

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER I – P.T. IN ORTHOPAEDICS**

Q.P. Code: 746287

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Explain in detail about Physiotherapy assessment and management of Ankylosing spondylitis.
2. Classify Shoulder Dislocation. Write in detail about Mechanism, reduction and PT management of Anterior shoulder dislocation.

II. Write notes on:

(10 x 5 = 50)

1. PT Management of Barton's fracture.
2. De Quervain disease.
3. Olecranon Bursitis.
4. Physiotherapy intervention after McMurray's Osteotomy.
5. SI Joint dysfunction.
6. Physiotherapy Objectives for chronic Osteomyelitis.
7. Different levels of upper limb amputation.
8. Diagnostic Physical test of Sciatica.
9. Bicipital tendinitis.
10. Minor Elbow.

III. Short answer on:

(10 x 2 = 20)

1. Foraminal Compression test.
2. End feel.
3. Kyphosis.
4. Cozen's Test.
5. Stages of fracture healing.
6. Hangman's fracture.
7. Still's disease.
8. Comminuted fracture.
9. Mallet finger.
10. Grading of ligamentous instability.
