

August 2011

[KZ 6267]

Sub. Code : 6267

BACHELOR OF PHYSIOTHERAPY EXAMINATION

FOURTH YEAR / EIGHTH SEMESTER

P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Describe the Physiotherapy assessment, aims and management of Rheumatoid Arthritis in the chronic stage.
2. Describe the clinical features and Physiotherapy management of ankylosing spondylitis.

II. SHORT NOTES

(8X5=40)

1. Sudeck's Atrophy.
2. Screw Home Mechanism.
3. Tennis Elbow.
4. Subacromial Bursitis.
5. Cubitus Varus.
6. Myositis Ossificans.
7. Volkmann's Ischemic Contracture.
8. Non Union.

III. SHORT ANSWERS

(10X2=20)

1. Green stick fracture.
2. Lateral ligament of ankle.
3. Milwaukee brace.
4. Torticollis.
5. Lumbar pelvic rhythm.
6. Posterior sag sign.
7. Splints used in rheumatoid arthritis.
8. Wrist drop.
9. De quervains disease.
10. Ober's Test.

February 2012

[LA 6267]

Sub. Code: 6267

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

FOURTH YEAR / EIGHTH SEMESTER

P.T.IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2X20=40)

1. Explain in detail about PT Evaluation and PT Management following BK Amputation.
2. Explain in detail about PT Evaluation and PT Management for Cervical Spondylosis.

II. Write notes on:

(8X5=40)

1. PT Management following Tension Band Wiring – Patella fracture.
2. Gait Training for Non – Cemented and Cemented Total Hip Replacement.
3. PT Management for Scaphoid Fracture.
4. Dupuytren's Contracture.
5. PT Evaluation for Cervical Inter Vertebral Disc Prolaps C7 – C8.
6. PT Management for OA Knee.
7. PT Management for Supraspinatus Tendonitis.
8. Management to control Pain, swelling, Strengthening following Grade – II Medial Collateral Ligament injury of knee.

III. Short Answers:

(10X2=20)

1. List the functional activities which will increase the flexion & extension of shoulder?
2. Open Kinematics Chain Exercise.
3. Lumbosacral Corset.
4. ACL Bracing and its advantages.
5. Auto Amputations.
6. Grading of ligamentous Instability.
7. List the Various types of Mobility Aids.
8. List the deformities seen in Congenital Talipes Equino Varus.
9. Deep transverse friction.
10. Foraminal Compression Test.

[LB 6267]

AUGUST 2012

Sub. Code: 6267

FOURTH YEAR / EIGHTH SEMESTER BPT EXAM

P.T.IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

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

- | | | | |
|---|----|----|----|
| 1. Describe the Physiotherapy management following Colle's fracture which was conservatively managed. Write briefly complications following Colle's fracture. | 19 | 33 | 20 |
| 2. Describe the post operative Physiotherapy management following Radial Head excision. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|-----------------------------|---|---|---|
| 1. Limb Length Discrepancy. | 3 | 8 | 5 |
| 2. Rule of Nine in Burns. | 3 | 8 | 5 |
| 3. External Fixator. | 3 | 8 | 5 |
| 4. Bunnel-Littler test. | 3 | 8 | 5 |
| 5. Taylor Knight Brace. | 3 | 8 | 5 |
| 6. Ideal Stump. | 3 | 8 | 5 |
| 7. Avascular Necrosis. | 3 | 8 | 5 |
| 8. Bankart's Repair. | 3 | 8 | 5 |

III. Short Answers:

- | | | | |
|--|---|---|---|
| 1. Dupuytren's contracture. | 1 | 5 | 2 |
| 2. Cobb's angle. | 1 | 5 | 2 |
| 3. Complications of Below Knee Amputation. | 1 | 5 | 2 |
| 4. Me Murrays test. | 1 | 5 | 2 |
| 5. Coxa vara. | 1 | 5 | 2 |
| 6. Ankle foot orthosis. | 1 | 5 | 2 |
| 7. Z Thumb. | 1 | 5 | 2 |
| 8. Pes Planus | 1 | 5 | 2 |
| 9. Deformities in Rheumatoid arthritis. | 1 | 5 | 2 |
| 10. Jumpers knee. | 1 | 5 | 2 |

[LC 6267]

FEBRUARY 2013

Sub. Code: 6267

FOURTH YEAR BPT EXAM / EIGHTH SEMESTER

P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three Hours
(180 Min)

Maximum: 100 marks

I. Elaborate on: (2X20=40)

1. Explain the different types of scoliosis. Write in detail the assessment and PT management for scoliosis.
2. Discuss the pre and post-operative management for a case of fracture neck of femur.

II. Write notes on: (8X5=40)

1. Club foot.
2. UMN and LMN type of bladder.
3. Plantar fascitis.
4. Myositis Ossificans.
5. Colles' Fracture.
6. Deep Vein Thrombosis.
7. PT management in anterior dislocation of shoulder.
8. PT management for lumbar spondylolithiasis.

III. Short Answers: (10X2=20)

1. Knee reflex root value.
2. Arthroplasty.
3. Meralgia Paresthetica.
4. Gait cycle.
5. Osteoporosis.
6. Stages of fracture healing.
7. Non-union.
8. Shenton's line.
9. Septic arthritis.
10. Speed test.

[LD 6267]

AUGUST 2013

Sub. Code: 6267

FOURTH YEAR / EIGHTH SEMESTER BPT EXAM

P.T IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Management of Supra Condylar fracture in a school going child.
2. Management of middle aged working woman suffering from early Osteoarthritis.

II. Write Notes on:

(8X5=40)

1. Spinal Canal Stenosis.
2. Galeazzi fracture
3. Swan neck deformity.
4. Lasegue's test
5. Weight relieving orthosis.
6. Pedicle graft.
7. Four point gait.
8. Kyphosis.

III. Short Answers:

(10X2=20)

1. Wry neck.
2. Causes of Foot drop.
3. Button hole deformity
4. Phalen's test
5. Chondromalacia patella.
6. Pes Cavus.
7. Hard test.
8. Ulnar drift.
9. Golfer's elbow
10. Rule of nine.

[LE 6267]

FEBRUARY 2014

Sub. Code: 6267

FOURTH YEAR / EIGHTH SEMESTER BPT EXAM

P.T IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Explain in detail about special test for ACL injury and rehabilitation protocol ACL construction.
2. Evaluation on ankylosing spondylitis and physiotherapy management.

II. Write Notes on:

(8X5=40)

1. IVDP and its PT management.
2. Shaft of humerus fracture and its PT management.
3. Radial nerve palsy.
4. Tennis elbow.
5. Myofascial pain syndrome.
6. Classification of talus fracture and its PT management.
7. Syme's amputation.
8. CTEV.

III. Short Answers:

(10X2=20)

1. Tardy ulnar nerve palsy.
2. Special test for supraspinatus tendinitis
3. Boxer's fracture.
4. Rule of nine.
5. Deformities of rheumatoid arthritis
6. Putti platt operation & saha operation.
7. Q angle.
8. Spinal shock.
9. Trigger finger & trigger thumb.
10. Tropic ulcer.

[LF 6267]

AUGUST 2014

Sub. Code: 6267

**FOURTH YEAR / EIGHTH SEMESTER BPT EXAM
PAPER IV - P.T in ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Pre and post operative management of a 40 year old male with fracture shaft of femur.
2. Low back pain-Its classification, management and preventive measures.

II. Write Notes on:

(8X5=40)

1. Pes Planus
2. Intrinsic plus deformity
3. Tennis elbow
4. Carpal tunnel syndrome
5. Monteggia fracture
6. Recurrent dislocation of shoulder.
7. 'Q' – angle and its significance.
8. Bladder training.

III. Short Answer:

(10X2=20)

1. Homan's sign
2. Patellar femoral arthritis.
3. Cervical rib
4. Plantar fascitis.
5. Klapp's exercise.
6. Decubitus ulcer.
7. Stump care and exercise
8. Foot drop gait.
9. Dequervains disease.
10. Limp length discrepancy.

[LG 6267]

FEBRUARY 2015

Sub. Code: 6267

**FOURTH YEAR / EIGHTH SEMESTER BPT EXAM
P.T IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the Physiotherapy assessment and management of a 50 year old lady teacher suffering from left shoulder peri arthritis. Add a note on home exercise program.
2. A 60 yr old retired colonel underwent total joint replacement of the right hip. Explain the rehabilitative protocol focusing on community activities.

II. Write notes on:

(8 x 5 = 40)

1. Management of Ankylosing spondylitis
2. Physiotherapy following skin grafting
3. Manual lymph drainage
4. HKAFO Orthosis
5. Definitions and management of Galeazzi fracture
6. Tests and management of Piriformis syndrome
7. Clinical features and management of Golfer's elbow
8. Special tests and management for Congenital dislocation of hip

III. Short answers on:

(10 x 2 = 20)

1. Definition of Deep vein thrombosis
2. Preiser's disease
3. Trendelenburg gait
4. Grading of tenderness
5. Anterior drawer test
6. Cock-up splint
7. Patellectomy
8. Feiss line
9. Thoracic outlet syndrome
10. Wry neck

**B.P.T. DEGREE EXAMINATION
FOURTH YEAR
PAPER IV – P.T IN ORTHOPAEDICS**

Q.P. Code: 746267

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Outline Physiotherapy Assessment for a 40 year old lady with chronic Rheumatoid Arthritis. List down the deformities seen in Rheumatoid Hand. Describe the Physiotherapy management for this lady whose both hands are involved.
2. Describe the assessment and management of a 10 year old girl affected with Poliomyelitis and secondary Scoliosis.

II. Write notes on:

(8 x 5 = 40)

1. Causalgia – Management.
2. Fracture Disease.
3. Stress Fracture. Causes and management.
4. Mallet finger.
5. Piriformis syndrome and its physiotherapy management.
6. Painful Arc Syndrome.
7. Define Compartment Syndrome.
8. Define Gait. Explain the normal Gait parameters.

III. Short Answers on:

(10 x 2 = 20)

1. Referred pain.
2. Thoracic Kyphosis.
3. Brachialgia.
4. Tripod sign.
5. Prepatellar Bursitis.
6. Cervical Tracion.
7. Deep Vein Thrombosis.
8. Schober's test.
9. Meralgia Parasthetica.
10. Greenstick Fracture.

[LI 6267]

FEBRUARY 2016

Sub. Code: 6267

FOURTH YEAR BPT EXAMINATION

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the Physiotherapy assessment and management of a 20 yr old athlete who sustained intervertebral disc prolapse L1-L2. Add a note on functional activity.
2. Discuss in detail about a 30 yr old man who was treated conservatively for right colles fracture. Explain the functional rehabilitation of the hand.

II. Write notes on:

(8 x 5 = 40)

1. Stages of fracture healing.
2. Stump management.
3. Sensory assessment in leprosy.
4. Management of Plantar fasciitis.
5. Phases of gait cycle.
6. Postural examination.
7. Physiotherapy management of recurrent dislocation of patella.
8. Rheumatoid arthritis of hand.

III. Short answers on:

(10 x 2 = 20)

1. Phantom limb pain.
2. Side swipe injury.
3. Green stick fracture.
4. Manual muscle grading.
5. Joint mobilization grades.
6. Chaffeur's fracture.
7. Shentons line.
8. Myositis ossificans.
9. Lumbosacral Corset.
10. Anti flexion brace.

[LJ 6267]

AUGUST 2016

Sub. Code: 6267

FOURTH YEAR BPT EXAMINATION

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the indication and principles of Amputations. Describe the PT Management and training of before and after prosthetic fitting for above Knee Amputation.
2. Explain in detail about special test for ACL injury and rehabilitation protocol for ACL construction.

II. Write notes on:

(8 x 5 = 40)

1. Galleazi Fracture.
2. Kyphosis.
3. Rules of nine in Burns.
4. Pain Assessment.
5. Ankylosing spondylitis – Physiotherapy Management.
6. Recurrent dislocation of patella.
7. Various methods of draining edema.
8. Plantar fasciitis.

III. Short answers on:

(10 x 2 = 20)

1. Tinnel Sign
2. Obers Test
3. Grades of Mobilisation
4. Cobb's Angle
5. Hill sach lesion
6. Non union
7. Frozen shoulder
8. Cervical rib
9. Mc.Murrays Test
10. Splints used in Rheumatoid arthritis

[LK 6267]

FEBRUARY 2017

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 65 year old man had fracture Neck of Femur and underwent replacement Arthroplasty. Write briefly the role of physiotherapy from the first day of operation till discharge.
2. Explain in detail about PT Evaluation and PT Management for PA Shoulder.

II. Write notes on:

(8 x 5 = 40)

1. Volkman's Ischemic contracture.
2. Principles of tendon transfer.
3. Piriformis syndrome and its physiotherapy management.
4. Spinal canal stenosis.
5. Jorden's principle of three point pressure.
6. Spondylolisthesis.
7. Torticollis.
8. Milwaukee brace.

III. Short answers on:

(10 x 2 = 20)

1. CTEV.
2. End feel.
3. Klumpke's paralysis.
4. Fracture disease.
5. Elys test.
6. Z-thumb deformity.
7. Osteoma.
8. Skin graft.
9. Osteoporosis.
10. Unstable hip gait.

[LL 6267]

AUGUST 2017

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Describe the PT Management of Supra Condylar fracture at elbow which was conservatively managed. Write briefly complications of Supra Condylar fracture.
2. Describe the Pre and Post-Prosthetic management of a Trans Femoral Amputee.

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

1. Types and physiotherapy management of skin grafting.
2. Spinal canal stenosis.
3. Patello femoral pain syndrome.
4. Shoulder hand syndrome.
5. Postural hypotension.
6. Carpal tunnel syndrome.
7. Sub-acromial bursitis.
8. Flat foot.

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

1. Types of sequestrum.
2. Erb's Palsy.
3. Arthodesis.
4. MMT – grading.
5. Painful arc syndrome.
6. Complications of Colle's fracture.
7. Sudeck's atrophy.
8. Degrees of Burns.
9. Pott's fracture.
10. Flat Back.

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

[LM 6267]

FEBRUARY 2018

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Explain in detail about PT evaluation and PT management for following AK Amputation.
2. Explain in detail about PT evaluation and PT management for Ankylosing spondylitis.

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

1. PT management for following Colle's fracture.
2. PT management for scaphoid fracture.
3. PT management for Tennis elbow.
4. Gait training for non-cemented and cemented Total Hip Replacement.
5. PT evaluation for cervical inter vertebral disc prolapsed C5-C6.
6. PT management for Trigger finger.
7. PT management for Supraspinatus tendonitis.
8. Management to control pain, swelling, strengthening following grade – II lateral ligament injury of ankle.

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

1. List the functional activities which will increase the flexion and extension of knee.
2. Close Kinematics chain exercise.
3. Lumbo-sacral corset.
4. ACL bracing and its advantages.
5. Cobb's angle.
6. Grading of ligamentous instability.
7. Anterior drawer test.
8. List the deformities seen in congenital Talipes Equino Varus.
9. Deep transverse friction.
10. Limb length discrepancy.

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

[LN 6267]

AUGUST 2018

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about Post-operative PT evaluation and management for a 51 yrs. old male who underwent Total Knee Arthroplasty.
2. Give a detail account on PT assessment and treatment techniques for a patient with Right Peri-arthritis shoulder.

II. Write notes on:

(8 x 5 = 40)

1. PT management for fracture Shaft of Femur.
2. Mallet finger – PT management.
3. PT management for TA rupture following reconstruction.
4. Monteggia fracture – PT management.
5. PT evaluation for recurrent patella dislocation.
6. PT management for Spondylolisthesis.
7. Post surgical PT management for T. B. Spine.
8. Stump management for below Knee Amputation.

III. Short answers on:

(10 x 2 = 20)

1. Normal and abnormal end feel.
2. How will you correct the posture in patients with scoliosis?
3. Define Boutonniere deformity.
4. How will you increase the efficiency of neck muscles using EMG Bio-feed back for CS patients?
5. What are the special tests used to diagnose the Pesplanus and pescavus deformity?
6. Define compartment syndrome.
7. Limb length discrepancy.
8. Uses of club foot boot.
9. List the functional activities which will increase the flexion and extension of shoulder joint.
10. Role of quadriceps settings exercise in Post-operative ACL reconstruction patients.

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

[LO 6267]

FEBRUARY 2019

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Outline the physiotherapy assessment and management of 45 year old male who is diagnosed with Osteoarthritis of the knee joint.
2. Write in detail about the assessment and management of a patient who is referred with anterior spondylolisthesis at L4-L5 level. Emphasis on the home program for the patient.

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

1. Management of calcaneal spur with differential diagnosis.
2. Trigger finger.
3. Assessment of gait parameters.
4. Management for Tennis Elbow.
5. Special test for supraspinatus tendinitis.
6. Management for complication following fracture of mid shaft of humerus.
7. Write the various strengthening techniques for a muscle.
8. Management for Trapezitis.

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

1. Wind swept deformity.
2. Valsalva manoeuvre.
3. Dequervain's disease.
4. Cobb's angle.
5. Mill's test.
6. Empty can test.
7. Stretching of Gluteus Maximus.
8. Bamboo spine.
9. Limb length discrepancy.
10. Spasticity and rigidity.

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

[LP 6267]

AUGUST 2019

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Explain in detail about the assessment and physiotherapy management following total Hip replacement.
2. Explain the types of Scoliosis. Write in detail about the physiotherapy assessment and management for Scoliosis.

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

1. Principles of tendon transfer.
2. Myositis ossification.
3. Boxer's fracture and its management.
4. Resting splint for hand.
5. McMurray's test.
6. PT evaluation for Cervical Intervertebral Disc Prolapse of C5-C6.
7. Gait training following tibial fracture.
8. Bicipital tendonitis.

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

1. Skin traction.
2. Boston brace.
3. Features of rickets.
4. Genu valgum.
5. Ankle sprain.
6. Guillotine amputation.
7. March fracture.
8. Tinel's sign.
9. Causalgia.
10. Sciatica.

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

[LQ 6267]

FEBRUARY 2020

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS**

Q.P. Code : 746267

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Describe in detail about the pre-operative and post-operative physiotherapy management of right Total Knee Replacement.
2. Describe the causes, pathology and clinical features and physiotherapy management of Ankylosing Spondylitis.

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

1. Volkmann's ischaemic contracture.
2. Golfer's elbow.
3. Galeazzi fracture – physiotherapy evaluation.
4. Painful arc syndrome.
5. Monteggia fracture.
6. Mallet finger and its physiotherapy management.
7. Pain assessment.
8. Supraspinatus tendonitis.

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

1. Straight leg raise test.
2. Thoracic outlet syndrome.
3. IT band stretching.
4. Erb's palsy.
5. Type of fracture.
6. Ulnar drift.
7. Splints for scoliosis.
8. Feiss line.
9. Grades for ligament instability.
10. Dennis brown splint.

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS
Q.P. Code : 746267**

Sub. Code: 6267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the Physiotherapy Assessment and management of a 55year old male Carpenter suffering from Right side Periarthritis of Shoulder and add a note on Home program .
2. Explain in detail about the Physiotherapy Evaluation and management of patient with above Knee Amputation.

II. Write notes on:

(8 x 5 = 40)

1. Thoracic Outlet syndrome.
2. Q angle and its significance.
3. Tennis Elbow.
4. Types of Pelvic tilt.
5. Upper limb tension test.
6. Meralgia Parasthesia.
7. Congenital Talipes Equino Varus.
8. Rheumatoid hand.

III. Short answers on:

(10 x 2 = 20)

1. Tropic ulcers.
2. Ulnar drift.
3. Stress fracture.
4. Femoral triangle.
5. Phases of Gait cycle.
6. Define Torticollis.
7. Deformities of knee joint.
8. Schober's test.
9. Measurement of limb length.
10. Perthe's disease.

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

[BPT 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)**

Sub. Code: 6267

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS
*Q.P. Code : 746267***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about pre & post operative physiotherapy assessment and management for a 40 year old male underwent bilateral below knee amputation.
2. Explain in detail about physiotherapy assessment and management of NECK OF FEMUR fracture in 50 year old man.

II. Write notes on:

(8 x 5 = 40)

1. Calcaneal Spur.
2. Define Gait. Explain Gait phases.
3. Golfer's Elbow.
4. LBA Management.
5. OA Knee Management.
6. Scoliosis.
7. Achilles Tendinitis.
8. Myositis Ossificans.

III. Short answers on:

(10 x 2 = 20)

1. Speed Test.
2. Mal Union.
3. Wrist Drop.
4. Tenderness Grading.
5. Pain Assessment.
6. Isometric Quadriceps exercise.
7. Isometric Neck Exercise.
8. Rheumatoid Hand.
9. Phantom Limb Pain.
10. Complications of fracture.

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

[BPT 0122]

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

Sub. Code: 6267

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
PAPER IV - P.T. IN ORTHOPAEDICS
Q.P. Code : 746267**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the assessment and physiotherapy management following total Hip replacement.
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:

(8 x 5 = 40)

1. Thoracic Outlet syndrome.
2. Ideal Stump.
3. Monteggia fracture.
4. Causalgia – Management.
5. Ankylosing spondylitis – Physiotherapy Management.
6. Shoulder hand syndrome.
7. Carpal tunnel syndrome.
8. Principles of tendon transfer.

III. Short answers on:

(10 x 2 = 20)

1. Non-Union.
2. Arthroplasty.
3. Tropic ulcer.
4. Putti platt operation.
5. Wry neck.
6. Green stick fracture.
7. Complications of Colle's fracture.
8. Q angle.
9. CTEV.
10. Osteoporosis.

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

[BPT 0622]

JUNE 2022

Sub. Code: 6267

(FEBRUARY 2022 EXAM SESSION)

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FOURTH YEAR

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about physiotherapy assessment and management for Rheumatoid arthritis.
2. Low back pain – Its classification, PT assessment, management and preventive measures.

II. Write notes on:

(8 x 5 = 40)

1. Plantar Fasciitis.
2. Define Gait. Explain normal gait parameters.
3. Tennis Elbow.
4. Carpal Tunnel Syndrome.
5. Stump management.
6. Trigger Finger.
7. Supraspinatus Tendinitis.
8. Types of Fracture.

III. Short answers on:

(10 x 2 = 20)

1. Empty can Test.
2. Non union.
3. Foot drop.
4. MMT Grading.
5. Limb Length Discrepancy.
6. Pendular Exercise.
7. Rule of nine.
8. Ulnar claw hand.
9. Cobb's Angle.
10. Erb's Palsy.

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

[BPT 1022]

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

Sub. Code: 6267

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code : 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about Physiotherapy assessment and rehabilitation protocol of Achilles tendon reconstruction.
2. Explain Physiotherapy evaluation and management of 35 years old Female affected with Rheumatoid Arthritis.

II. Write notes on:

(8 x 5 = 40)

1. Post Operative management of Plica excision.
2. Fracture of Scaphoid.
3. Slump test.
4. Physiotherapy Management of Whiplash injury.
5. Physiotherapy regime for Unicompartmental Knee arthroplasty.
6. Pott's disease.
7. Recurrent dislocation of Patella.
8. Rehabilitation of Medial collateral ligament injury of knee joint.

III. Short answers on:

(10 x 2 = 20)

1. Lachman test.
2. Trigger finger.
3. Stages of frozen shoulder.
4. Pes anserine bursitis.
5. Gunstock elbow.
6. Lumbar traction.
7. Monteggia fracture.
8. Lumbosacral corset.
9. Hawkins Kennedy test.
10. Special test to differentiate Pes planus and Pes cavus.

[BPT 0423]

APRIL 2023
(FEBRUARY 2023 EXAM SESSION)

Sub. Code: 6267

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code: 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about Physiotherapy evaluation and management of both bone fracture of leg.
2. Explain in detail about types of Meniscal injury and its Physiotherapy management.

II. Write notes on:

(8 x 5 = 40)

1. Anterior Cruciate Ligament injury rehabilitation.
2. Hamstring strain.
3. Cervical spondylosis.
4. Juvenile rheumatoid arthritis.
5. Fracture of Calcaneum.
6. Rupture of long head of Biceps brachii.
7. Recurrent dislocation of shoulder.
8. Foot drop management.

III. Short answers on:

(10 x 2 = 20)

1. Gallows traction.
2. Faber's sign.
3. Cobb's angle.
4. Tenosynovitis.
5. Perthes disease.
6. Patellar apprehension test.
7. Genu valgum.
8. Grading of ligament sprain.
9. Hammer toe.
10. Arthrokinematics.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code: 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about your role for a 55 yrs old male who underwent hemiarthoplasty of right hip.
2. Discuss the mechanism of anterior cruciate ligament injury. Write in detail about the management of ACL injury.

II. Write notes on:

(8 x 5 = 40)

1. Metatarsalgia.
2. Trapezius myalgia.
3. Volkmann's ischemic contracture.
4. Milwaukee brace.
5. Skin grafting.
6. Kyphosis.
7. Hand burns.
8. Cortical thumb.

III. Short answers on:

(10 x 2 = 20)

1. Dupuytren contracture.
2. Types of fracture.
3. Classification of neck of femur fracture.
4. Cryotherapy.
5. Causes of LBP.
6. Arthrodesis.
7. Mc murray's test.
8. Bow legs.
9. Baker cyst.
10. Brachialgia.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code: 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the pre and post operative PT management of right side total knee replacement.
2. Describe the assessment and management of 10 year old girl affected by poliomyelitis associated with secondary scoliosis.

II. Write notes on:

(8 x 5 = 40)

1. Cervical spondylitis and its management.
2. Talus fracture and its PT management.
3. Principles of tendon transfer.
4. PT management for Galeazzi's fracture dislocation.
5. Advanced PT management for plantar fasciitis.
6. Passive and self mobilization for left side peri arthritis shoulder.
7. PT management for deformities in Leprosy.
8. PT management for meniscal injury.

III. Short answers on:

(10 x 2 = 20)

1. Guillotine amputation.
2. Tripod sign.
3. Cobb's angle.
4. Pott's fracture.
5. MMT grading.
6. Thoracic outlet syndrome.
7. Patellectomy.
8. Normal and abnormal end feel.
9. ACL bracing and its advantages.
10. Degrees of burns.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER IV - P.T. IN ORTHOPAEDICS

Q.P. Code: 746267

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the pre-operative and post operative role of physiotherapist in total knee replacement patients.
2. Give a detail account on the assessment and treatment techniques for a patient with Periarthritis Shoulder.

II. Write notes on:

(8 x 5 = 40)

1. Straight leg Raising.
2. Stump hygiene.
3. Genu recurvatum.
4. Bennett's fracture.
5. Limb length discrepancy.
6. Avascular necrosis.
7. Carry angle.
8. Stress fracture.

III. Short answers on:

(10 x 2 = 20)

1. End feel.
2. Game keeper thumb.
3. Replantation.
4. Ganglion.
5. Scaphoid fracture.
6. Thoracic outlet syndrome.
7. Fibromyalgia.
8. Complications of fracture.
9. Faber's sign.
10. FIM scale.
