

August 2011

[KZ 6266]

Sub. Code : 6266

BACHELOR OF PHYSIOTHERAPY EXAMINATION

FOURTH YEAR / SEVENTH SEMESTER

CLINICAL ORTHOPAEDICS

Q.P. Code : 746266

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Describe the mechanism of injury, complications and management of supra-condylar fracture of humerus.
2. Outline the etiopathology of Rheumatoid arthritis. Describe the deformities that occur in a rheumatoid hand and its management.

II. SHORT NOTES

(8X5=40)

1. Periarthritis shoulder.
2. Scaphoid fracture.
3. Sequestrum.
4. Cobb's angle.
5. Cervical rib.
6. Torticollis.
7. Spondylolisthesis.
8. Fracture Patella.

III. SHORT ANSWERS

(10X2=20)

1. Green stick fracture.
2. Hallux Valgus.
3. Subluxation.
4. Carpal bones.
5. Delayed union.
6. Volkman's sign.
7. Mc. Murrays test.
8. Scapulo-humeral rhythm.
9. Antalgic gait.
10. Hypothenar muscles of hand.

February 2012

[LA 6266]

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY EXAMINATION
FOURTH YEAR / SEVENTH SEMESTER
CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2X20=40)

1. Describe the causes, clinical features and management of recurrent dislocation of the shoulder.
2. Describe the clinical features, complications and management of a patient with fracture of D8 vertebra with paraplegia.

II. Write notes on:

(8X5=40)

1. DeQuervains disease.
2. March fracture.
3. Ulnar claw hand.
4. Fracture disease.
5. Anterior cruciate ligament.
6. Potts fracture.
7. Shoulder hand syndrome
8. Myositis Ossificans

III. Short Answers:

(10X2=20)

1. Z-Thumb deformity.
2. Hallux valgus.
3. Guillotine amputation.
4. Mallet finger.
5. Elys test
6. Complications of Scaphoid fracture.
7. Attachments and nerve supply of hamstring muscle.
8. List the complications of Supracondylar fracture of humerus.
9. Clarke's test.
10. Q -angle

[LB 6266]

AUGUST 2012

Sub. Code: 6266

FOURTH YEAR / SEVENTH SEMESTER BPT EXAM

CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

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 mechanism of injury, complications and management of posterior dislocation of hip. | 19 | 33 | 20 |
| 2. Outline the etiopathology of Ankylosing spondylitis. Describe briefly its management and the role of exercises. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|------------------------------|---|---|---|
| 1. Supraspinatus tendonitis. | 3 | 8 | 5 |
| 2. Stress Fracture. | 3 | 8 | 5 |
| 3. Flat foot. | 3 | 8 | 5 |
| 4. Compound fracture. | 3 | 8 | 5 |
| 5. Carpal Tunnel Syndrome. | 3 | 8 | 5 |
| 6. Club foot. | 3 | 8 | 5 |
| 7. Symes amputation. | 3 | 8 | 5 |
| 8. Plantar Fasciitis. | 3 | 8 | 5 |

III. Short Answers:

- | | | | |
|--|---|---|---|
| 1. Swan neck deformity. | 1 | 5 | 2 |
| 2. Thenar muscles of hand. | 1 | 5 | 2 |
| 3. Name four entrapment neuropathies. | 1 | 5 | 2 |
| 4. Genu valgum. | 1 | 5 | 2 |
| 5. Anterior drawer test. | 1 | 5 | 2 |
| 6. Dugas sign. | 1 | 5 | 2 |
| 7. Bunion. | 1 | 5 | 2 |
| 8. External rotators of the hip. | 1 | 5 | 2 |
| 9. Tinel's sign. | 1 | 5 | 2 |
| 10. Name the fracture and dislocation in Monteggia fracture dislocation. | 1 | 5 | 2 |

[LC 6266]

FEBRUARY 2013

Sub. Code: 6266

FOURTH YEAR BPT EXAM / SEVENTH SEMESTER

CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

**Time: Three Hours
(180 Min)**

Maximum: 100 marks

I. Elaborate on: (2X20=40)

1. Outline the etiopathology types, clinical features and management of congenital talipes equino varus.
2. Classify amputations. Briefly describe the indications for amputations. How do you manage a transtibial amputee?

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

1. Radial club hand.
2. Ulnar claw hand.
3. Fracture clavicle.
4. Ewings sarcoma.
5. Osteochondritis dissecans.
6. Principles of tendon transfer.
7. Anterior dislocation of shoulder.
8. Fracture around the ankle joint.

III. Short Answers: (10X2=20)

1. Management of fracture neck of femur.
2. Erbs point.
3. Involucrum.
4. Osteotomy.
5. Hugh Owen Thomas.
6. Cold abscess.
7. Genu valgum.
8. Barton's fracture.
9. Dequervains disease.
10. Triple dislocation.

[LD 6266]

AUGUST 2013

Sub. Code: 6266

FOURTH YEAR / SEVENTH SEMESTER BPT EXAM

CLINICAL ORTHOPAEDICS

Q.P. Code : 746266

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Discuss in detail about Osteomyelitis – Definition, clinical features, types, causes, Management and complications.
2. Outline the etiopathology, types, clinical features and management of Brachial plexus injury.

II. Write Notes on:

(8X5=40)

1. Osteotomy.
2. Plantar Fasciitis.
3. Myositis Ossificans.
4. RA Hand.
5. Klumpkey's Palsy.
6. Colles Fracture.
7. Phantom Limb Pain.
8. Bone Grafting.

III. Short Answers:

(10X2=20)

1. Define Periarthritis Shoulder. List the clinical features.
2. List the splints used for Upper extremity Peripheral nerve injuries.
3. Straight leg raising test.
4. List the levels of Lower limb Amputation.
5. Difference between dislocation and subluxation.
6. List the causes for shoulder impingement syndrome.
7. Difference between Tide and Untided injuries of hand.
8. Define Q Angle.
9. List the types of Leprosy.
10. Types of CTEV.

**FOURTH YEAR / SEVENTH SEMESTER BPT EXAM
CLINICAL ORTHOPAEDICS**

Q.P. Code : 746266

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Define, Aetiology, pathology, Stages, clinical features and management for the Periarthritis of shoulder joint.
2. Discuss briefly the aetiology, grades, clinical features, management and complications of ankle joint fracture.

II. Write Notes on:

(8X5=40)

1. Fracture Clavicle
2. Pre patellar bursitis
3. Flat foot
4. Golfer's elbow
5. Erb's palsy
6. Osteoma
7. Septic Arthritis
8. Ideal Stump

III. Short Answers:

(10X2=20)

1. Deformities of Rheumatoid Arthritis
2. Bamboo Spine
3. Cervical Rib
4. Wry neck
5. Mal union
6. Carpal Tunnel Syndrome
7. Kernicks Sign
8. Cobb's angle
9. Hallux Valgus
10. Genu Varum

[LF 6266]

AUGUST 2014

Sub. Code: 6266

**FOURTH YEAR / SEVENTH SEMESTER BPT EXAM
CLINICAL ORTHOPAEDICS**

Q.P. Code : 746266

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe the aetiology, pathology, clinical features and management of Ankylosing Spondylosis.
2. Describe briefly the aetiology, clinical features, management and complications of Colle's fracture.

II. Write Notes on:

(8X5=40)

1. Fracture scaphoid.
2. Bicipital tendinitis
3. Club foot
4. Foot drop
5. Klumpke's paralysis
6. Ewings sarcoma
7. Reflex Sympathic dystrophy
8. Retro Calcaneal bursitis

III. Short Answer:

(10X2=20)

1. Stages of bone healing.
2. Meta tarsalgia.
3. Excisional arthroplasty.
4. Bennett's fracture.
5. Osteo myelitis.
6. Chest wall deformities.
7. Painful arc syndrome.
8. Myositis ossificans
9. Volkman's ischaemic contracture.
10. Boxer's fracture.

[LG 6266]

FEBRUARY 2015

Sub. Code: 6266

**FOURTH YEAR / SEVENTH SEMESTER BPT EXAM
CLINICAL ORTHOPAEDICS**

Q.P. Code : 746266

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about Osteoarthritis of Knee – Definition, clinical features, types, causes, Management and complications.
2. Outline the causes, types, clinical features, complications and management for Scoliosis.

II. Write notes on:

(8 x 5 = 40)

1. Recurrent Dislocation of the Shoulder
2. Definitions and causes of Myositis Ossificans
3. Complications of Lower Limb Fracture
4. Mechanism and management of Patellar Tendonitis
5. Causes and complication of Below Elbow Amputation
6. Classifications of Bone Tumor
7. Tarsal Tunnel Syndrome
8. Definitions, causes and management of Torticollis

III. Short answer on:

(10 x 2 = 20)

1. Define Congenital Dislocation of Hip. List the clinical features.
2. Define Foot Drop. List the clinical feature.
3. List the complications of Patellectomy.
4. List the levels of Upper limb Amputation.
5. Define Dislocation and Subluxation.
6. List the causes for Shoulder Hand Syndrome.
7. Define Claw Hand and list the clinical features.
8. Define Genu Recurvatum.
9. List the types of Fractures.
10. Define Prepatellar Bursitis and list the causes.

[LH 6266]

AUGUST 2015

Sub. Code: 6266

B.P.T. DEGREE EXAMINATION
FOURTH YEAR / SEVENTH SEMESTER
CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the Total Hip replacement. List the indications and Complications.
2. Define Amputation. Discuss the levels of Amputation, Causes, Types, Complications and management.

II. Write notes on:

(8 x 5 = 40)

1. Indications and types of Arthrodesis.
2. Causes and management of Rotator Cuff Tear.
3. Management of Congenital Talipes Equinovarus.
4. Swan Neck Deformity.
5. Avascular Necrosis.
6. Erbs Palsy.
7. Mechanism and management of rupture of Achelles Tendon.
8. Types and management of Spondylolisthesis.

III. Short Answers on:

(10 x 2 = 20)

1. Extensor Zones of Hand.
2. Define Deltoid Fibrosis and list the causes.
3. Define Kyphosis and list the complications.
4. Difference between Coxavara and Coxavalga.
5. Define Burns and list the degrees of Burns.
6. List the complications of fracture.
7. Define Plantar Fasciitis and list the clinical features.
8. Central Dislocation of Hip.
9. Carpal Tunnel Syndrome.
10. List the clinical features seen in TB Spine.

[LI 6266]

FEBRUARY 2016

Sub. Code: 6266

**FOURTH YEAR BPT EXAMINATION
PAPER III CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about the causes, clinical features, investigations and management for Anterior Cruciate Ligament repair.
2. Write in detail about the causes, clinical features, complications and management for spine fracture at the level of C6-C7.

II. Write notes on:

(8 x 5 = 40)

1. Congenital dislocation of hip.
2. TB Spine.
3. Causes and management of Carpal Tunnel Syndrome.
4. Fracture Shaft of Humerus.
5. Piriformis syndrome.
6. Causes and management of Stump Neuroma.
7. Partial claw hand.
8. Straight leg raising test.

III. Short answer on:

(10 x 2 = 20)

1. Barton fracture
2. Tenosynovitis
3. Reflex grading
4. Cozen's test
5. Swan neck deformity
6. Mallet finger
7. Thomas test
8. Non union
9. Apprehension sign
10. Ober's test

[LJ 6266]

AUGUST 2016

Sub. Code: 6266

**FOURTH YEAR BPT EXAMINATION
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify Bone tumours. Write in detail about the clinical features, complications and management of Osteosarcoma.
2. Write about Colle's fracture, its clinical features, complications and management.

II. Write notes on:

(8 x 5 = 40)

1. Neglected CTEV
2. Torticollis
3. Posterior dislocation of hip
4. Ulnar claw hand
5. Ideal stump
6. Rickets
7. Types of pathological gait
8. Anterior cruciate ligament injury

III. Short answer on:

(10 x 2 = 20)

1. Coxa vera
2. Taylors brace
3. Bankart lesion
4. Gunstoke deformity
5. Q angle in knee
6. Deformities of rheumatoid hand
7. Pseudo gout
8. Cold abscess
9. Erb's palsy
10. Dupuytren's contracture

[LK 6266]

FEBRUARY 2017

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about congenital dislocation of Hip, its clinical features, complications and management.
2. Write in detail about Supracondylar fracture of Humerus in a 6 year old child. Briefly write about the complications and management of this fracture.

II. Write notes on:

(8 x 5 = 40)

1. Radial nerve palsy.
2. Anterior dislocation of shoulder.
3. Fracture of patella.
4. Plantar fasciitis.
5. Injury to coccyx.
6. Below knee amputation.
7. Automatic Neurogenic bladder.
8. Ankylosing spondylitis.

III. Short answer on:

(10 x 2 = 20)

1. Tennis elbow.
2. Genu valgum.
3. Few complications of Colle's fracture.
4. Compound fracture.
5. Trigger finger.
6. Entrapment neuropathy.
7. Barton's fracture.
8. De Quervain's disease.
9. Types of scoliosis.
10. Smith's fracture.

[LL 6266]

AUGUST 2017

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify Fractures around Neck of Femur. Describe briefly about clinical features management and complications of fracture Neck of Femur.
2. Write about common skeletal manifestation of skeletal Tuberculosis. Mention pathogenesis, clinical features, investigation and management of Potts Spine.

II. Write notes on:

(8 x 5 = 40)

1. Definitions and X-ray findings of Osteoblastoma.
2. Types of sequestrum.
3. Ewings sarcoma.
4. Pescavus.
5. Adhesive capsulitis of shoulder.
6. Monteggia fracture dislocation.
7. Legg Calve Perthes Disease.
8. Rheumatoid foot.

III. Short answer on:

(10 x 2 = 20)

1. Hangmans fracture.
2. Trendelenberg gait.
3. Madelung's deformity.
4. Bone graft.
5. Cobb's angle.
6. Sprengel's shoulder.
7. Bennett's fracture.
8. Scapular winging.
9. Nursemaid elbow.
10. Boutonniere Deformity.

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

[LM 6266]

FEBRUARY 2018

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the aetiology, pathology, clinical features and management in Leprosy.
2. Describe briefly the aetiology, clinical features, management and complications in low back ache.

II. Write notes on:

(8 x 5 = 40)

1. Spondylosis.
2. Prepatellar tendinitis.
3. Cubitus valgus deformity.
4. Thumb and finger drop.
5. Common peroneal nerve injury.
6. Radial club hand.
7. Reflex Sympathic dystrophy.
8. Retro Calcaneal bursitis.

III. Short answer on:

(10 x 2 = 20)

1. Stages of bone healing.
2. Prosthesis.
3. Arthroplasty.
4. Bennett's fracture and dislocation.
5. Pescavus.
6. Pelvic tilt.
7. Slump test.
8. Medical management-RA.
9. Paget disease.
10. Boxer's fracture.

[LN 6266]

AUGUST 2018

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about the causes, clinical features, investigations and management for rotator cuff tear.
2. Write in detail about the indications, techniques, principles, pre and post-operative management in total knee replacement.

II. Write notes on:

(8 x 5 = 40)

1. Patella dislocation.
2. Congenital talipes equino varus.
3. Psudek's osteo dystrophy.
4. Causes and management of Pott's spine.
5. Total claw hand.
6. Management of Phantom limb.
7. Mechanism and management of Quadriceps rupture.
8. UMN bladder lesion.

III. Short answer on:

(10 x 2 = 20)

1. Ape thumb deformity.
2. Phalen's test.
3. Avulsion fracture.
4. Mal union.
5. Swan neck deformity.
6. Tendinitis.
7. Flat foot.
8. Erb's point.
9. Painful arc syndrome.
10. Metatarsalgia.

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

[LO 6266]

FEBRUARY 2019

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Development dysplasia of Hip - Explain in detail.
2. Spondylolisthesis – Explain in detail.

II. Write notes on:

(8 x 5 = 40)

1. Rolando fracture.
2. Sprengel's deformity.
3. Injury to coccyx.
4. Definition and X-ray findings of Osteoblastoma.
5. Definition, causes and management of Symes amputation.
6. Definition and clinical features of Fragilitas ossium.
7. Rheumatoid foot.
8. Clinical features and management of Sub acromial bursitis.

III. Short answer on:

(10 x 2 = 20)

1. Ganslens test.
2. Rissers sign.
3. Pawlik harness.
4. Bone graft.
5. Tardy ulnar nerve palsy.
6. Round back.
7. Jersey finger.
8. Fracture-classification.
9. Volkman's Ischaemic contracture.
10. Rotator cuff muscle injury-special test.

[LP 6266]

AUGUST 2019

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the mechanism, clinical features, radiological features, and management of anterior dislocation of Shoulder Joint.
2. Discuss the clinical features, investigations and management of fracture of Tibial Condyles.

II. Write notes on:

(8 x 5 = 40)

1. Monteggia fracture dislocation.
2. Deformities in Poliomyelitis.
3. ACR criteria for Rheumatoid arthritis.
4. Osteosarcoma.
5. TB spine.
6. Septic arthritis.
7. Causes for shoulder pain.
8. Dislocation of patella.

III. Short answer on:

(10 x 2 = 20)

1. Pott's fracture.
2. Fracture-disease.
3. CTEV Boot.
4. Bampoo spine.
5. Axonotemis.
6. Klumpke's palsy.
7. Compound fracture.
8. Painful arc syndrome.
9. Osteomalacia.
10. Cross union.

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

[LQ 6266]

FEBRUARY 2020

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the causes, clinical features, investigations, management and complications of fracture neck of Femur?
2. Discuss the etiology of brachial plexus injury. Discuss the complications and management of a 3 months old baby who is diagnosed to have Erb's palsy.

II. Write notes on:

(8 x 5 = 40)

1. Plantar fasciitis.
2. Rheumatoid Hand.
3. Osteoblastoma.
4. Foot drop.
5. Sudeck's Osteo dystrophy.
6. Adhesive capsulitis.
7. Causes for low back pain.
8. Multiple myeloma.

III. Short answer on:

(10 x 2 = 20)

1. Types of fracture.
2. Radiological features of Colle's fracture.
3. Dislocation.
4. Pen Test.
5. Neuropraxia.
6. Arthroplasty.
7. Genu recurvatum.
8. Costochondritis.
9. Erb's palsy.
10. Straight Leg Raising (SLR) Test.

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BPT DEGREE EXAMINATION

Sub. Code: 6266

FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS
Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about the indications, techniques, pre and post-operative management for Total Hip Replacement.
2. Write in detail about the causes, clinical features, investigations, complications and management of Rheumatoid Arthritis.

II. Write notes on:

(8 x 5 = 40)

1. Cubital tunnel syndrome.
2. Wrist drop.
3. Definition and causes of Atonic bladder.
4. Chondromalacia patella.
5. Mechanism and management of Pott's fracture.
6. Mechanism and types of Medial menisci injury.
7. Erb's palsy.
8. Structures compressed and management of Cervical rib.

III. Short answer on:

(10 x 2 = 20)

1. Repetitive stress injury.
2. Boxer's fracture.
3. Mallet thumb.
4. Green stick fracture.
5. Bankart's repair.
6. Tinel's sign.
7. Prone knee bend test.
8. Bursitis.
9. Golfer's elbow.
10. Costochondritis.

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

[BPT 0921]

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

Sub. Code: 6266

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS
*Q.P. Code : 746266***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describes the mechanism of injury, complication and management of Colle's fracture.
2. Describes the causes, clinical features, investigation and management of Ankylosing Spondylitis.

II. Write notes on:

(8 x 5 = 40)

1. Torticollis.
2. Thoracic Outlet syndrome.
3. Cold abscess.
4. Fat Embolism.
5. Syme's amputation.
6. Osteomalacia.
7. Radial Nerve injury.
8. Ewing Sarcoma.

III. Short answer on:

(10 x 2 = 20)

1. Delayed Union.
2. Carpal Bones.
3. Pseudarthrosis.
4. Resting position of Hand.
5. Compartmental Syndrome.
6. Klippel-Feil syndrome.
7. Dennis Brown Splint.
8. Ely's test.
9. Q angle.
10. Cubitus varus.

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

[BPT 0122]

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

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
PAPER III – CLINICAL ORTHOPAEDICS
*Q.P. Code : 746266***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describes the causes, clinical features, investigations and management of Osteomyelitis.
2. Describes the causes, types, clinical features and management of Brachial plexus injury.

II. Write notes on:

(8 x 5 = 40)

1. Supraspinatus tendinitis.
2. Flat foot.
3. Malleolar fracture.
4. Osteoporosis.
5. Types of Poliovirus.
6. Classification of Bone tumor.
7. Lordosis.
8. RA hand.

III. Short answer on:

(10 x 2 = 20)

1. Jefferson's Fracture.
2. Osteoblastoma.
3. Coxavara.
4. C splint.
5. Rickets.
6. Anterior drawer test.
7. Jersey finger.
8. Phalen's test.
9. Smith fracture.
10. Cortical bone.

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

[BPT 0622]

JUNE 2022

Sub. Code: 6266

(FEBRUARY 2022 EXAM SESSION)

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FOURTH YEAR

PAPER III – CLINICAL ORTHOPAEDICS

Q.P. Code : 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the causes, Clinical features, investigations and management of Poliomyelitis.
2. Describes the mechanism of injury, complication and management of Fracture head of femur.

II. Write notes on:

(8 x 5 = 40)

1. Septic arthritis.
2. Tendon transfer.
3. Lumbar canal Stenosis.
4. Scaphoid fracture.
5. Above Knee amputation.
6. Osteoid Osteoma.
7. Prepatellar Bursitis.
8. Types of Leprosy.

III. Short answer on:

(10 x 2 = 20)

1. Bamboo spine.
2. Egawa test.
3. Myositis ossificans.
4. Tabes Dorsalis.
5. Ankle Foot Orthosis.
6. Nerve graft.
7. Cubitus valgus.
8. Pelvic Harness.
9. Paget's disease.
10. Scurvy.

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

[BPT 1022]

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

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER III – CLINICAL ORTHOPAEDICS

Q.P. Code : 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the causes, clinical features, investigation, complications and management of Supracondylar fracture of Humerus?
2. Definition, causes, classification, clinical features, investigations, and management of OA Knee.

II. Write notes on:

(8 x 5 = 40)

1. Complications of Fracture.
2. Colle's Fracture.
3. Supraspinatus Tendinitis.
4. Rheumatoid hand.
5. Complications of Leprosy.
6. Ewing's Sarcoma.
7. Bone Graft.
8. Hand injuries.

III. Short answers on:

(10 x 2 = 20)

1. Green Stick Fracture.
2. Marton's Fracture.
3. SLR.
4. Arthrodesis.
5. Subluxation vs Dislocation.
6. Erb's Palsy.
7. Genu Valgum.
8. Cobb's angle.
9. McMurray's test.
10. Radial club hand.

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

[BPT 0423]

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

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
(Candidates admitted upto the academic year 2016-2017)
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the Total Hip Replacement. List the indications and complications.
2. Write in detail about the causes, clinical features, investigations and management for ACL injury.

II. Write notes on:

(8 x 5 = 40)

1. Potts's spine.
2. Carpal tunnel syndrome.
3. CTEV.
4. Posterior dislocation of hip joint.
5. Osteomyelitis.
6. Deformities in poliomyelitis.
7. Jumper's knee.
8. Lumbar spondylolisthesis.

III. Short answers on:

(10 x 2 = 20)

1. Trendelenburg gait.
2. Madelung's deformity.
3. Bennett's fracture.
4. Tennis elbow.
5. Calcaneal spur.
6. Sprain vs Strain.
7. Triple nerve palsy.
8. MRI.
9. Bursitis.
10. Stump.

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

[BPT 1123]

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

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
(Candidates admitted upto the academic year 2016-2017)
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Definition, causes, clinical features, special tests and management of low back pain.
2. What are the causes, clinical features, investigations, complications and management of shaft of femur fracture?

II. Write notes on:

(8 x 5 = 40)

1. Recurrent dislocation of patella.
2. Septic arthritis.
3. Multiple myeloma.
4. Scoliosis.
5. Radial nerve palsy.
6. Fracture healing.
7. Principles of amputations.
8. Tarsal tunnel syndrome.

III. Short answers on:

(10 x 2 = 20)

1. Segmental fracture.
2. Tenosynovitis.
3. CT scan.
4. Smith's fracture.
5. Trigger finger.
6. Speed test.
7. Vertical talus.
8. Rotator Cuff Tear.
9. Thomas splint.
10. Night stick fracture.

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

[BPT 0824]

AUGUST 2024

Sub. Code: 6266

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER III – CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify fractures around Neck of Femur. Describe briefly about clinical features management and complications of fracture - Neck of Femur.
2. Write in detail about the causes, clinical features, investigations, complications and management of Rheumatoid Arthritis.

II. Write notes on:

(8 x 5 = 40)

1. Flat foot.
2. Symes amputation.
3. Definitions and causes of Myositis Ossificans.
4. Definitions, causes and management of Torticollis.
5. Ewings sarcoma.
6. Principles of tendon transfer.
7. Types of pathological gait.
8. Anterior cruciate ligament injury.

III. Short answers on:

(10 x 2 = 20)

1. Tenosynovitis.
2. Cozens's test.
3. Swan neck deformity.
4. Pott's fracture.
5. Painful arc syndrome.
6. Bamboo spine.
7. Osteomalacia.
8. SLR.
9. Erb's Palsy.
10. Cobb's angle.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER III – CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the mechanism, clinical features, management and complications of spinal fractures.
2. Define poliomyelitis and explain in detail about the clinical features, pathology, prevention and management of post polio syndrome.

II. Write notes on:

(8 x 5 = 40)

1. Septic arthritis.
2. Management of ankylosing spondylitis.
3. Multiple myeloma.
4. Klumpke's palsy.
5. Distinguish between dislocation and subluxation.
6. Carpal tunnel syndrome.
7. Deep vein thrombosis.
8. Vertical talus.

III. Short answers on:

(10 x 2 = 20)

1. Define Sprain.
2. Swan neck deformity with suitable diagram.
3. Coxa magma.
4. Dupuytren's contracture.
5. Smits fracture.
6. Jones fracture.
7. Biceps tendinitis.
8. Define Lordosis.
9. Adhesive capsulitis.
10. Arthrogyposis.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER III – CLINICAL ORTHOPAEDICS

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the causes, clinical features, investigations, management and complications of fracture neck of Femur?
2. Discuss the etiology of brachial plexus injury. Discuss the complications and management of a 3 months old baby who is diagnosed to have Erb's palsy.

II. Write notes on:

(8 x 5 = 40)

1. Plantar fasciitis.
2. Osteomyelitis.
3. Scaphoid fracture.
4. Foot drop.
5. Sudeck's osteodystrophy.
6. Adhesive capsulitis.
7. Causes for low back pain.
8. Multiple myeloma.

III. Short answers on:

(10 x 2 = 20)

1. Axonotmesis.
2. Radiological features of Colles' fracture.
3. Dislocation.
4. Pen Test.
5. Neuropraxia.
6. Arthroplasty.
7. Genu recurvatum.
8. CTEV Boot.
9. Fracture disease.
10. Straight Leg Raising (SLR) Test.

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
(Candidates admitted upto the academic year 2016-2017)
PAPER III – CLINICAL ORTHOPAEDICS**

Q.P. Code: 746266

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the clinical features, radiological features and management of Supracondylar fracture of Humerus?
2. Define the term 'Scoliosis'. How will you classify scoliosis? Discuss the clinical features, necessary investigations and management of Scoliosis.

II. Write notes on:

(8 x 5 = 40)

1. Calcaneal fracture.
2. Trigger finger.
3. Shoulder Hand syndrome.
4. Spondylolisthesis.
5. Osteosarcoma.
6. Rheumatic hand.
7. Boyd's amputation.
8. Osteoarthritis knee.

III. Short answers on:

(10 x 2 = 20)

1. Arches of foot.
2. Mallet finger.
3. Subluxation.
4. Ulnar claw hand.
5. Tinel sign.
6. Scaphoid fracture.
7. Radiological features of Ankylosing spondylosis.
8. Flat foot.
9. Froment's sign.
10. Arthrodesis.
