

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

[LR 1220]

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

Sub. Code: 6284

BPT DEGREE EXAMINATION

THIRD YEAR

(New regulations for the candidates admitted from 2017-2018 onwards)

PAPER IV – CLINICAL ORTHOPAEDICS

Q.P. Code : 746284

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about Osteomyelitis – Definition, clinical features, types, causes, Management and complications.
2. Explain in detail about TB Spine – Definition, clinical features, causes, investigation and management.

II. Write notes on:

(10 x 5 = 50)

1. Vertical Talus.
2. Myositis Ossificans.
3. Osteogenesis Imperfecta.
4. Klumpkey's Palsy.
5. Colles Fracture.
6. Principles of Tendon transfer.
7. Avascular Necrosis.
8. Tennis Elbow.
9. Carpal Tunnel Syndrome.
10. Classifications of Bone Tumor.

III. Short answer on:

(10 x 2 = 20)

1. Define Periarthritis Shoulder. List the clinical features.
2. List the splints used for Upper extremity Peripheral nerve injuries.
3. Difference between open fracture and closed fracture.
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. Cobb's Angle.
9. List the types of Leprosy.
10. Difference between Pescavus and Pesplanus.

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

[BPT 0921]

SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 6284

BPT DEGREE EXAMINATION
THIRD YEAR
(Regulations for the candidates admitted from 2017-2018 onwards)
PAPER IV – CLINICAL ORTHOPAEDICS
Q.P. Code : 746284

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

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

1. Describe the indications, contraindications and complications of Total Knee Arthroplasty.
2. Classify fracture of Neck of femur. Write a mechanism of injury, management of Neck of Femur fracture.

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

1. Upper Limb tension test.
2. DeQuervain's disease.
3. Neglected Club foot.
4. Rickets.
5. Wrist drop.
6. Osteosarcoma.
7. Structural Scoliosis.
8. Spondylolisthesis.
9. Bicipital tendinitis.
10. Carpal tunnel syndrome.

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

1. Z plasty.
2. Thompson test.
3. Boxer's fracture.
4. Neuropraxia.
5. Knock Knee.
6. Ischemic Contracture.
7. Painful arc syndrome.
8. Slump test.
9. Jumper's Knee.
10. Hangman's fracture.

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

[BPT 0122]

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

Sub. Code: 6284

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR- (Regulation from 2017-2018 onwards)
PAPER IV – CLINICAL ORTHOPAEDICS
*Q.P. Code : 746284***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the Causes, clinical features, investigations and management of Osteoarthritis.
2. Describe the stages, clinical features, investigations and management of Intervertebral disc Prolapse.

II. Write notes on:

(10 x 5 = 50)

1. Radial club hand.
2. Septic arthritis.
3. Whiplash injury.
4. Patella fracture.
5. Pott's paraplegia.
6. Both bone fracture of Lower limb.
7. Spondylosis.
8. Phantom limb.
9. Fracture healing.
10. Ewing Sarcoma.

III. Short answer on:

(10 x 2 = 20)

1. Aeroplane splint.
2. Apley scratch test.
3. Piriformis syndrome.
4. Delayed Union.
5. Vertical Talus.
6. Waddling Gait.
7. Three point principles.
8. Anterior cruciate ligament.
9. Madelung's Deformity.
10. McMurray test.

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

[BPT 0622]

JUNE 2022

Sub. Code: 6284

(FEBRUARY 2022 EXAM SESSION)

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

THIRD YEAR- (Regulation from 2017-2018 onwards)

PAPER IV – CLINICAL ORTHOPAEDICS

Q.P. Code : 746284

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the detail of causes, clinical presentation and methods of treatment for congenital Talipes Equinovarus.
2. Describes the mechanism of injury, complications and management of Supracondylar fracture.

II. Write notes on:

(10 x 5 = 50)

1. Median nerve injury.
2. Transtibial amputation.
3. Bennett's fracture.
4. Osteochondritis dissecans.
5. Kyphosis.
6. Patellofemoral Osteoarthritis.
7. Ankle sprain.
8. Osteoma.
9. RA Spine.
10. Ideal Sump.

III. Short answer on:

(10 x 2 = 20)

1. Lumbosacral belt.
2. Mallet's finger.
3. Deep vein thrombosis.
4. Erb's palsy.
5. Apley's compression test.
6. Cozen's test.
7. Gibbus deformity.
8. Cock up splint.
9. Galeazzi fracture.
10. Hill's sac lesion.

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

[BPT 1022]

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

Sub. Code: 6284

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR- (Regulation from 2017-2018 onwards)
PAPER IV – CLINICAL ORTHOPAEDICS
*Q.P. Code : 746284***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the clinical features, complications and management of a patient with D8 vertebra fracture.
2. Define amputation. Discuss the levels of amputations, causes, types, complications and its management.

II. Write notes on:

(10 x 5 = 50)

1. Chondromalacia patella.
2. Definition and causes of Atonic bladder.
3. Cervical rib - Definition causes, and management.
4. Septic arthritis.
5. Osteosarcoma.
6. Monteggia fracture dislocation.
7. Ulnar nerve palsy.
8. Avascular necrosis.
9. Arthroplasty.
10. Principles of tendon transfer.

III. Short answer on:

(10 x 2 = 20)

1. Difference between coxa vara and coxa valga.
2. Central dislocation of hip.
3. Define burns and the degrees of burns.
4. Define swan- neck deformity.
5. Define genu recurvatum.
6. Define dislocation and subluxation.
7. Define metatarsalgia.
8. Chest wall deformities.
9. Causes of foot drop.
10. Wry neck.
