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

[MS 0524] **MAY 2024** **Sub. Code: 4007**

M.S. DEGREE EXAMINATION

BRANCH II – ORTHOPAEDIC SURGERY

PAPER III – ORTHOPAEDIC DISEASES

Q.P. Code: 224007

Time: Three Hours **Maximum: 100 Marks**

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

1. What are the causes of Pseudo Paralysis in a Child admitted in orthopaedic Ward? Describe the Etio-Pathogenesis, Diagnosis and Management of Acute osteomyelitis in a six year old child.

2. 15 year old boy came to OPD with Limping Gait. How will you evaluate the Patient? Discuss in detail Etiology, pathology, Investigations and Management of Perthe's Disease.

II. Write notes on: **(10 x 7 = 70)**

1. Coxa Saltans.
2. Surgical Drainage of Cold Abscess.
3. Ankylosing Spondylitis.
4. Method of Hip Spica application and its complications.
5. Floor Reaction Orthosis.
6. Chordoma.
7. Role of 3D Printing in Orthopaedics.
8. Steps in performing below Knee Amputation in Ischaemic Limb.
9. Congenital Scoliosis.
10. Principles of Tendon Transfer and management of Ulnar Claw Hand.

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

[MS 1224] **DECEMBER 2024** **Sub. Code: 4007**

(OCTOBER 2024 EXAM SESSION)

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER III – ORTHOPAEDIC DISEASES

Q.P. Code: 224007

Time: Three Hours **Maximum: 100 Marks**

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

1. Classifications and evaluation of cerebral palsy. Assessment and management of crouch gait.

2. Etiology, classifications, clinical and radiological evaluation of Glenohumeral instability. Discuss about various management of anterior Glenohumeral instability.

II. Write notes on: **(10 x 7 = 70)**

1. Clinical and Radiological evaluation of developmental dysplasia of Hip.
2. Principles of tendon transfer. Tendon transfers for restoration of pinch.
3. Osteoporosis.
4. Haglund deformity.
5. Pre operative and Intra operative evaluation of limb length in THA. How will you correct the vertical and horizontal off set?
6. Myositis ossificans of Elbow.
7. Epiphysiodesis.
8. Radiological evaluation of spondylolisthesis.
9. Management of bone defects in revision knee arthroplasty.
10. Osteochondritis dissecans.

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

[MS 0525] **MAY 2025** **Sub. Code: 4007**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER III – ORTHOPAEDIC DISEASES

Q.P. Code: 224007

Time: Three Hours **Maximum: 100 Marks**

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

1. Describe the development dysplasia of hip and elaborate its management with respect to age spectrum since birth.

2. Spondylolisthesis – Classification, types and its management in detail.

II. Write notes on: **(10 x 7 = 70)**

1. Femoro acetabular impingement.
2. Pseudoarthrosis tibia.
3. Chondromalacia patella.
4. Safe surgical dislocation of hip.
5. Osteoid osteoma.
6. Distraction osteogenesis.
7. Ponseti method.
8. Varus derotation osteotomy.
9. Taylor’s brace.
10. Bone bank.

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

[MS 1025] **OCTOBER 2025** **Sub. Code: 4007**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER III – ORTHOPAEDIC DISEASES

Q.P. Code: 224007

Time: Three Hours **Maximum: 100 Marks**

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

1. Discuss the clinical features, pathology, radiological features and management of giant cell tumour in the distal femur in a 30 year old female.

2. Etiopathogenesis, diagnosis and management of avascular necrosis of hip.

II. Write notes on: **(10 x 7 = 70)**

1. Gene therapy in orthopaedics.
2. Elbow stiffness – management.
3. Nuclear scan studies in orthopaedics.
4. Triple deformity of knee joint and its management.
5. Radial club hand.
6. Discoid meniscus.
7. Knee Ankle Foot Orthosis (KAFO).
8. Flat foot.
9. Rotating platform knee prosthesis.
10. Recurrent dislocation Patella.

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

[MS 0526] **MAY 2026** **Sub. Code: 4007**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER III – ORTHOPAEDIC DISEASES

Q.P. Code: 224007

Time: Three Hours **Maximum: 100 Marks**

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

1. Describe the etiology, pathoanatomy and clinical features of CTEV. Discuss the management of neglected CTEV in a 5-years male child.

2. Classification, clinical features, investigations and management of Tuberculosis Hip.

II. Write notes on: **(10 x 7 = 70)**

1. Multiple myeloma.
2. GOUT.
3. Osteopetrosis.
4. Paget disease.
5. Charcot joints.
6. USG in orthopedics.
7. Osteogenesis imperfecta.
8. Trendelenberg gait.
9. Unicondylar knee replacement.
10. Supinator syndrome.

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