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

[MS 0524] **MAY 2024** **Sub. Code: 4006**

M.S. DEGREE EXAMINATION
BRANCH II – ORTHOPAEDIC SURGERY
PAPER II – TRAUMATOLOGY AND REHABILITATION

Q.P. Code: 224006

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

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

1. Describe the steps to be followed in ER while receiving a Polytrauma Patient. Classify Pelvic fractures and How will you manage a patient with Pelvic Injury presenting with bleeding per Urethra.

2. Describe the Etiology, Pathology, Classification, Investigations and Management of Ankle fractures.

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

1. Capitellum fracture.
2. Acute Longitudinal Radio-Ulnar Disruption (ALRUD).
3. Floating Shoulder.
4. Chance Fracture.
5. Complications of Physeal Injuries.
6. Extra – Articular Fractures of Calcaneum.
7. Functional Cast Bracing.
8. Principles of Reamer irrigator Aspirator.
9. Direct Anterior approach to Hip Joint.
10. Rehabilitation of Patient with Grade II Bed Sores.

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

[MS 1224] **DECEMBER 2024** **Sub. Code: 4006**

(OCTOBER 2024 EXAM SESSION)

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER II – TRAUMATOLOGY AND REHABILITATION

Q.P. Code: 224006

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

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

1. Evaluation and management of displaced four-part fracture of proximal Humerus in 60-year-old patient. Discuss about post operative rehabilitation.

2. Evaluation and various methods of management of infected nonunion of Tibia with Bone loss of 7cm.

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

1. Changes in the concept of Trochanteric fracture management. Describe about reduction criteria.
2. Monteggia fracture and its variants.
3. Tourniquets.
4. Classification of Knee joint instability. Evaluation and management of posterolateral instability.
5. Game keeper thumb.
6. Various techniques of tendon suturing.
7. Rehabilitation protocol after rotator cuff repair.
8. Operative indications and pre-operative evaluation of acetabular fractures.
9. Current concepts of Tibial plateau fracture classification. Approaches and fixation of posterolateral fragment.
10. Sacral fractures.

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

[MS 0525] **MAY 2025** **Sub. Code: 4006**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER II – TRAUMATOLOGY AND REHABILITATION

Q.P. Code: 224006

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

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

1. Describe the classification of dorsolumbar spine injuries. How will you treat a case of L1 burst type fracture with paraplegia from emergency ward to rehabilitation comprehensively.
2. Discuss the classification, mechanism of injury, clinical features and management of tibial condyle fracture.

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

1. Lag screw.
2. Meniscus repair.
3. Acromioclavicular dislocation.
4. Lisfranc fracture.
5. Pubic symphysis diastasis.
6. Coronoid fracture.
7. Mangled Extremity Severity Score.
8. Pipkin classification of femoral head.
9. Mallet finger.
10. Knee dislocation.

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

[MS 1025] **OCTOBER 2025** **Sub. Code: 4006**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER II – TRAUMATOLOGY AND REHABILITATION

Q.P. Code: 224006

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

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

1. Describe the classification, management and complications of distal femur fractures. How will you manage a case of AO Type C distal femur fracture in an osteoporotic patient?

2. Classify fracture neck of femur in children and discuss the management and expected complications.

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

1. Fracture talus.
2. Sliding hip screw versus nail for proximal femur fracture.
3. Hoffa fracture.
4. Intercarpal instability.
5. Classification and radiological findings in Jefferson fracture.
6. Pre contoured plates for distal humerus fractures.
7. Bennet's fracture dislocation.
8. Biodegradable implants.
9. Name the Trauma scores useful in compound fracture in the extremities to assess injury severity to predict the need for amputation versus limb salvage, its merits and demerits.
10. Ogden classification of epiphyseal injuries.

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

[MS 0526] **MAY 2026** **Sub. Code: 4006**

M.S. DEGREE EXAMINATION

ORTHOPAEDICS

PAPER II – TRAUMATOLOGY AND REHABILITATION

Q.P. Code: 224006

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

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

1. Write the classification, discuss various methods of management and complications of Pilon fracture.

2. Write various classifications of trochanteric fracture and its importance. Discuss the management including post-operative protocol for sub trochanteric fracture.

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

1. Whiplash injury.
2. Lunate dislocation.
3. Fracture odontoid.
4. Hybrid fixators.
5. Role of fibular graft in fracture management.
6. Minimally Invasive Plate Osteosynthesis (MIPO).
7. Tourniquet palsy.
8. Floating knee.
9. Hawkins sign.
10. Terrible triad of elbow.

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