

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

[BOT 0824]

AUGUST 2024

Sub. Code: 6198

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE**  
**SECOND YEAR - (Regulations for the candidates admitted from 2022-2023 onwards)**  
**PAPER IV – CLINICAL ORTHOPAEDICS**

*Q.P. Code: 786198*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail the level of amputation and its causes. Give a brief outline on the pre-operative, post-operative and prosthetic management.
2. Define dislocation. Describe the signs, symptoms and principles in management of shoulder dislocation.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Osteoid osteoma.
2. Orthotic applications in poliomyelitis.
3. Scoliosis.
4. Ankylosing spondylitis.
5. Principles of internal fixation.
6. Carpel Tunnel Syndrome.
7. Plantar faciitis.
8. Rheumatoid hand.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Erb's palsy.
2. Bartons fracture.
3. Bone grafting.
4. Congenital Dislocation of HIP.
5. Dinner fork deformity.
6. Pes Cavus.
7. Involucrum.
8. Rotator cuff tear.
9. Q angle.
10. Cobb's angle.

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

**[BOT 0825]**

**AUGUST 2025**

**Sub. Code: 6198**

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE  
SECOND YEAR - (Candidates admitted from the academic year 2022-2023 onwards)  
PAPER IV – CLINICAL ORTHOPAEDICS**

*Q.P. Code: 786198*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Septic arthritis. Explain the etiology, clinical features, management and complications.
2. Outline the clinical features investigations and management of brachial plexus injuries.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Post polio residual paralysis.
2. Volkmann's ischemic contracture.
3. Congenital Talipes Equinovarus.
4. Recurrent dislocation of patella.
5. Claw hand.
6. Management of Rheumatoid arthritis.
7. Tuberculosis Spine.
8. Painful arc syndrome.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Difference between open and closed fracture.
2. Classification of sprain.
3. Achilles tendinitis.
4. Crutch palsy.
5. Pulled elbow.
6. Patellar tendon bearing cast.
7. Stages of bone healing.
8. List the types of leprosy.
9. Define Kyphoscoliosis.
10. Subluxation.

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