

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

(MCH 0124)

JANUARY 2024

Sub. Code: 1983

M.Ch. – PAEDIATRIC ORTHOPAEDICS

**PAPER III – APPLIED PAEDIATRIC ORTHOPAEDICS
(INCLUDING CEREBRAL PALSY AND ONCOLOGY)**

Q.P. Code: 181983

Time: Three Hours

Maximum: 100 Marks

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

1. Describe the mechanism, classification, diagnosis and treatment of Post-traumatic osteomyelitis.
2. Describe the etiology, pathology, clinical features and treatment of Ewings sarcoma.

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

1. Gastro-soleus recession.
2. PET scan for bone metastasis.
3. Nerve Blocks.
4. 8-plates in management of limb length discrepancy.
5. Antibiotic delivery systems for osteomyelitis.
6. Tone-inhibition casting.
7. Split tibialis anterior transfer.
8. MR perfusion imaging.
9. Subtalar arthrodesis.
10. Bedaquiline.

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

(MCH 0225)

FEBRUARY 2025

Sub. Code: 1983

M.Ch. – PAEDIATRIC ORTHOPAEDICS

**PAPER III – APPLIED PAEDIATRIC ORTHOPAEDICS
(INCLUDING CEREBRAL PALSY AND ONCOLOGY)**

Q.P. Code: 181983

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Etiopathogenesis and management of Sprengel shoulder.
2. Describe the etiology, pathology, clinical features and management of synovial sarcoma.

II. Write notes on:

(10 x 7 = 70)

1. Steindler procedure.
2. Super-selective angiography.
3. Dennis-Brown splint.
4. Surgical treatment of calcaneus deformity in meningomyelocele.
5. Baker's cyst.
6. Technetium-99m bone scan.
7. Thrombocytopenia with absent radius syndrome.
8. Enthesitis-related arthritis (ERA).
9. Zolendronic acid.
10. Multiple Pterygium syndrome (MPS).
