

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

[MS 0522]

MAY 2022

Sub. Code: 2239

M.S. DEGREE EXAMINATION

BRANCH II – ORTHOPAEDIC SURGERY

PAPER IV – SUBSPECIALITIES IN ORTHOPAEDICS AND TRAUMATOLOGY

(INCLUDES PAEDIATRIC ORTHOPAEDICS, HAND SURGERY, SPINE SURGERY, ARTHROPLASTY, ARTHROSCOPY, SPORTS MEDICINE AND ORTHOPAEDIC ONCOLOGY)

Q.P. Code: 222239

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Define and Classify Scoliosis. Discuss the pathological changes, physical examination and radiological examination of Structural Scoliosis. How will you treat a case of Adolescent Idiopathic Dorsolumbar Scoliosis in a 13-year-old girl?
2. Differentiate between Parosteal and Periosteal Osteosarcoma in terms of Pathology, Clinical Features, Treatment and Prognosis.

II. Write notes on:

(10 x 7 = 70)

1. Periprosthetic Hip Fractures.
2. Congenital Vertical Talus.
3. Portals in Knee Arthroscopy.
4. Unicameral Bone Cyst.
5. Interferential Therapy (IFT).
6. Quadriceps Contracture of Infancy and Childhood.
7. Reverse Shoulder Arthroplasty.
8. Ulnar paradox.
9. Painful stiff knee after Total Knee Replacement (TKR).
10. What are the functions of hand? What is the functional position of hand?
