

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

[AHS 0423]

APRIL 2023

Sub. Code: 2462

BACHELOR IN PROSTHETICS AND ORTHOTICS

SECOND YEAR (Regulation 2017-2018 onwards)

PAPER II – ORTHOPAEDICS & AMPUTATION SURGERY & IMAGING SCIENCE

Q.P. Code: 802462

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain Dislocation. What are the signs, symptoms and general principles of management of Dislocations?
2. Write in detail about Congenital Talipes Equino Varus (CTEV) and its Orthotic management.
3. Write about post operative Prosthetic management after Below Knee Amputation.

II. Write notes on:

(8 x 5 = 40)

1. Explain about the signs of Rheumatoid Arthritis.
2. Causes and management of recurrent dislocation of the shoulder.
3. What is Genu varum? Write its causes and Orthotic management.
4. Write about causes and management of Knee Meniscus Tear.
5. Explain the causes of Wrist drop. Explain the Orthotic intervention in Wrist Drop.
6. What are the types of Tumors? List general management of Tumors.
7. Write in detail about the ideal stump.
8. Explain how CT scan is used as a diagnostic tool.

III. Short answers on:

(10 x 3 = 30)

1. Write about Monteggia fracture.
2. What is Bicipital tendinitis?
3. Congenital limb deficiencies.
4. Rickets.
5. Cobb angle measurement
6. Why do entrapment neuropathies occur?
7. List deformities that occur in Leprosy.
8. What is Mallet finger?
9. What is Subluxation? How is it different from dislocation?
10. Write about causes of Congenital Dislocation of Hip.
