

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

[AHS 1123]

NOVEMBER 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. What is Fracture? What are the common causes of Fracture? Explain about principles of Fracture management.
2. What is Osteoporosis? Explain the causes and management of Osteoporosis.
3. Explain in detail about Revision Amputation. Explain the indications of this surgery.

II. Write notes on:

(8 x 5 = 40)

1. What is Osteoarthritis? Explain management of Knee Osteoarthritis.
2. What is Genu recurvatum? Write its causes and management.
3. Write about the causes and treatment of Torticollis.
4. What is Volkmann's Contracture? List its causes and Orthotic management.
5. List common sports injuries and how they occur?
6. Write about Skin infection in residual limb and its management.
7. Explain how MRI is used as a diagnostic tool.
8. Write about Spina Bifida and its management.

III. Short answers on:

(10 x 3 = 30)

1. What is Bursitis? How can it be treated?
2. Galeazzi fracture.
3. Podiatry.
4. What are the causes of metabolic diseases?
5. Ischemic limb.
6. What is Metatarsalgia?
7. Plantar fasciitis.
8. Management of Neuropathic foot.
9. List the types of Muscular dystrophy.
10. List causes of Gout.
