

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

[AHS 0423]

APRIL 2023

Sub. Code: 2461

BACHELOR IN PROSTHETICS AND ORTHOTICS
SECOND YEAR (Regulation 2017-2018 onwards)
PAPER I – PATHOLOGY
Q.P. Code: 802461

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Shock. Mention its types and brief about each type.
2. Causes and levels of Lower Extremity Amputation.
3. Risk factors, clinical features and complications of Diabetes Mellitus.

II. Write notes on:

(8 x 5 = 40)

1. Genetic diseases.
2. Paget's disease.
3. Guillain-Barre syndrome.
4. Parkinson's disease.
5. Physiological and Pathological Hyperplasia.
6. Hemophilia.
7. Type 1 and Type 2 Myofibres.
8. Duchenne Muscular dystrophy.

III. Short answers on:

(10 x 3 = 30)

1. Causes of cell injury.
2. Peripheral Neuropathy.
3. Healing by Primary intention.
4. Ischemic infarction.
5. Pathways of Spread of Tumor.
6. Osteoarthritis.
7. Multiple sclerosis.
8. Complications of Rheumatoid Arthritis.
9. Cross matching.
10. Role of Orthotics in Autoimmune diseases.
