

**B.Sc. PROSTHETICS AND ORTHOTICS**

**SECOND YEAR**

**PAPER II – ORTHOPAEDICS AND AMPUTATION SURGERY**

*Q.P. Code: 802412*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:** **(3 x 10 = 30)**

1. Define Osteomyelitis. Discuss the aetiology, management and complications of Osteomyelitis.
2. Define subluxation and dislocation. Write about the treatment options for Congenital dislocation of the hip.
3. What is osteoarthritis? Discuss the management options for osteoarthritis of the knees.

**II. Write notes on:** **(8 x 5 = 40)**

1. Management Osteogenesis Imperfecta.
2. Types of Amputations.
3. Causes of club hand.
4. Genu varum and Genu Valgum.
5. Treatment of Tennis Elbow.
6. Orthotic management of C.T.E.V.
7. Bladder care in Spinal cord injury patient.
8. Volkmann's Ischemic Contractures.

**III. Short answers on:** **(10 x 3 = 30)**

1. Enumerate causes of limb length discrepancy.
2. Treatment of Haemophilic Arthritis.
3. Osteomyoplastic flaps.
4. Recurrent Dislocation of shoulder.
5. Ankylosing Spondylitis.
6. Treatment of Periarthritis of shoulder.
7. Common complications of fractures
8. Indications of revision amputation.
9. Treatment of Golfer's Elbow.
10. Explain Heterotrophic Ossification Orthotic management of burns.

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