

**B.Sc. PROSTHETICS & ORTHOTICS**

**SECOND YEAR**

**PAPER III – PHYSICAL MEDICINE & REHABILITATION**

*Q.P. Code: 802413*

**Time: Three hours**

**Maximum : 100 Marks**

**Answer All questions**

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

1. Write in detail the rehabilitation procedures for an elderly below knee amputee due to Diabetes.
2. Name the common psychological issues of a disabled person and the principles of management.
3. Name the different tumours of the Bone. Write about the management of Osteogenic Sarcoma of the femur in young adult.

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

1. Different types of exercises used in rehabilitation.
2. Advantages and disadvantages of axillary crutches.
3. Importance of Occupational therapy in Rehabilitation.
4. Management of Osteoporosis.
5. Causes and treatment of Phantom pain in amputees.
6. Rehabilitation methods for a visually challenged amputee.
7. Classification of congenital skeletal limb deficiencies.
8. Responsibilities of a Prosthetic and Orthotic professional in Community Based Rehabilitation

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

1. Causes for gangrene in the foot.
2. Braces for Congenital Dislocation of hips
3. Types of Osteogenesis imperfecta.
4. Management of stump neuromas.
5. Uses of Telemedicine in CBR model
6. Uses of Lumbosacral corset.
7. Management of Limb Length Discrepancy.
8. Post traumatic stress disorder.
9. Management of Neurogenic bladder.
10. Pressure sore grading.