

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. Define Stroke and explain the clinical features and the principles of stroke rehabilitation.
2. What is community based rehabilitation (CBR) and discuss the advantages and disadvantages?
3. Discuss in detail the complications of fracture healing and the steps to manage them.

II. Write notes on:

(8 x 5 = 40)

1. Role of prosthetic and orthotic professional in the rehabilitation team.
2. Discuss the rehabilitation of manual labourer with post traumatic Paraplegia at L1 level.
3. Management of Ankylosing Spondylitis.
4. Rehabilitation principles for Duchenne Muscular Dystrophy.
5. Concessions and facilities for disabled persons given by Governments in India.
6. Common environmental and architectural barriers faced by disabled in India.
7. Exercises for Below Knee Stump.
8. Responsibilities of a Prosthetic and Orthotic professional in Community Based Rehabilitation.

III. Short answers on:

(10 x 3 = 30)

1. Uses of Heat therapy in pain management.
2. Braces for Genu Valgum.
3. Boutinnaire deformity of the hand.
4. Treatment for Plantar fasciitis.
5. Signs and symptoms of Peripheral neuropathies.
6. Clinical features of Myotonic dystrophy.
7. Management of Avascular Necrosis of hip.
8. Treatment for Gouty arthritis.
9. Benefits of Vocational Rehabilitation.
10. Sexual problems of spinal cord injured patients.