

[LP 0819]

AUGUST 2019

Sub. Code: 2435

B.Sc. PROSTHETICS & ORTHOTICS

THIRD YEAR

PAPER V – ORTHOTICS SCIENCE – III

Q.P. Code: 802435

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain all attachments of long opponents splint.
2. Write any three special assistive devices.
3. Write about: (a) mobile arm support (b) functional elbow orthosis.

II. Write notes on:

(8 x 5 = 40)

1. Static hand orthosis with butterfly writing clip.
2. What is Wilmer shoulder orthosis?
3. Shoulder Elbow Wrist orthosis indication and functions?
4. Thumb opponents splint.
5. Functional position resting hand splint.
6. Carpal tunnel syndrome and its orthotic management.
7. General principles of upper extremity orthosis.
8. Indication and functions of hand orthosis?

III. Short answers on:

(10 x 3 = 30)

1. What is palmar pocket?
2. What is golfer's elbow?
3. Knuckle bender.
4. Cock up splint.
5. What is brachial plexus injury?
6. What is C- bar?
7. Aeroplane splint.
8. What is smith fracture?
9. What is tenodesis splint?
10. What is the role of FES in upper limb orthosis?
