

[LP 0819]

AUGUST 2019

Sub. Code: 2433

BACHELOR IN PROSTHETICS & ORTHOTICS

THIRD YEAR

PAPER III – MOBILITY & REHABILITATION AIDS

Q.P. Code: 802433

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Types of walker and their attachments.
2. Biomechanics of various kinds of developmental aids.
3. Various developmental and education toys.

Write notes on:

(8 x 5 = 40)

1. Mobility and walking aids.
2. Assistive Technology.
3. Tricycle.
4. Benefits of appropriate wheelchair to wheelchair user.
5. Pressure relief techniques for wheelchair user.
6. Motorized wheelchair.
7. Gait Training of Auxiliary Crutch and Elbow Crutch.
8. Self-help devices.

III. Short answers on:

(10 x 3 = 30)

1. Quad Cane.
2. Para podium.
3. Low level cart.
4. Tilt and Recline in wheelchair.
5. Difference between pneumatic tire and solid tire in wheelchair.
6. Sports Wheelchair.
7. Foam Cushion.
8. Commode Chair.
9. Transportation of Wheelchair.
10. Button Fastener.
