

**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. Different types of walking aids with sketch.
2. Types of cushions used in wheelchair.
3. Assistive devices for SCI and Stroke Patients.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Developmental aids.
2. Fabrication of box seat.
3. Materials used for molded seat.
4. Assessment and measurement of wheelchair user.
5. Pressure relief techniques of wheelchair user.
6. Care and maintenance of wheelchair at home.
7. Components of motorized wheelchair.
8. Gait Training procedure for auxiliary crutch user.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Reciprocating walker.
2. Delayed milestones.
3. Prone board.
4. Molded seat.
5. Posture.
6. Appropriate wheelchair.
7. Caster wheels.
8. Anti-tipper and push rim.
9. Modified Two-Wheeler.
10. Adjustments in parallel bars.

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