

[LN 0818]

AUGUST 2018

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. Molded seat.
2. Motorized wheelchair and its components with neat sketch.
3. Installation and fabrication of parallel bars with neat sketch.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Different types of crutches.
2. Standing frame.
3. Benefits of a wheelchair for persons with disability.
4. Wheelchair mobility skills.
5. Fabrication technique of foam pressure relief cushion.
6. Modified two-wheeler for mobility.
7. Measurement and Gait training procedure for elbow crutch user in paraplegia.
8. Assistive devices for stroke patients.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Caster wheels
2. Gutter Walker.
3. Normal Milestone.
4. Special Chair.
5. Wheelchair cushion.
6. Transfer Board.
7. Need for wheelchair modification.
8. Tricycle.
9. Gait Training of walker.
10. Eating and Drinking Aids.

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