

[LH 0815]

AUGUST 2015

Sub. Code: 2433

**BACHELOR IN PROSTHETICS & ORTHOTICS (BPO)  
THIRD YEAR  
PAPER III – MOBILITY AND REHABILITATION AIDS**

*Q.P. Code: 802433*

**Time: Three hours**

**Maximum : 100 Marks**

**Answer all Questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. With Illustration explain about the need of special chair for cerebral palsy.
2. Draw and explain the parts of manual standard wheelchair.
3. Explain about the different types of walking frame.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Explain about the measurement and fabrication of box seat.
2. Discuss about the computer based assistive technology for developmental delays.
3. Discuss about the prescription criteria for molded seat.
4. Explain about the various types of seating cushions available for wheelchair user?
5. Explain the method of transfer techniques of wheelchair user.
6. Discuss about the assessment and measurement of wheelchair user.
7. Discuss about the gait training procedure for auxiliary crutch user.
8. Discuss about the assistive devices for spinal cord injury patients

**III. Short answers on:**

**(10 x 3 = 30)**

1. What is the function of head support in molded seat?
2. What are the importances of sitting upright?
3. What is the purpose of wheelchair cushion?
4. What is a transfer board?
5. Difference between developmental and educational toys.
6. What is prone board?
7. What is potty chair?
8. What is the use of low-level cart?
9. What is the benefit of modified two wheeler?
10. What is gutter walker?

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