

**BACHELOR IN PROSTHETICS AND ORTHOTICS**  
(New Syllabus 2017-2018)

**SECOND YEAR**

**PAPER III – COMMUNITY REHABILITATION AND  
DISABILITY PREVENTION**

*Q.P. Code: 802463*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:** **(3 x 10 = 30)**

1. Write the causes of quadriplegia and write about its management.
2. List the differences between Institution based and community based rehabilitation.
3. List common health problems of a bed ridden patient and ways of preventing such problems.

**II. Write notes on:** **(8 x 5 = 40)**

1. Write the indications and contra indications of traction.
2. List the benefits of hydrotherapy.
3. Explain about pre prosthetic management for a below knee amputee.
4. Write how to check normal developmental milestones in a child?
5. List the benefits of early intervention.
6. How to prevent falls in the elderly?
7. Write about the management of a patient with Duchenne muscular dystrophy.
8. Orthotic management of a polio patient.

**III. Short answers on:** **(10 x 3 = 30)**

1. Where is the centre of gravity located in an erect person with normal posture?
2. Write about goniometry.
3. What is telemedicine? What are its benefits?
4. What is a motor unit?
5. Splints used for claw hand that is caused due to Leprosy.
6. Write about disability evaluation.
7. Write about importance of working as a team in the community.
8. Orthotic management of club foot.
9. Write about the management of a child with cerebral palsy.
10. Write about posture analysis.