

**BOT DEGREE EXAMINATION**  
**(Regulations for the candidates admitted from 2010-2011 onwards)**  
**FOURTH YEAR**  
**PAPER IV – REHABILITATION MEDICINE**

*Q.P. Code: 786168*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 20 = 40)**

1. Define Down's syndrome. What is the chromosomal defect in Down's syndrome? Elaborate on the details of developmental defects expected in children with Down's syndrome and explain about various Rehabilitation measures for the same.
2. Define Hypoxic Ischemic Encephalopathy. Write a note on early intervention. Elaborate on various Rehabilitation measures in the form of early intervention stage by stage for a child with HIE (Hypoxic Ischemic Encephalopathy.)

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

1. Cane and its importance in geriatric Persons.
2. Architectural Barriers in a Bus Stand/Bus stop.
3. Rehabilitation measures/Approaches to improve swallowing fluids and prevent aspiration in stroke patients.
4. Autonomous bladder.
5. Importance of Crawling during developmental milestones.
6. Rehabilitation approaches to prevent exposure Keratitis (in Facial Palsy).
7. Measurement of parallel bar (Height determination).
8. Ankle Foot Orthosis.

**III. Short answers on:** **(10 x 2 = 20)**

1. Tripod.
2. Constraint induced movement therapy.
3. Impairment.
4. Phantom limb pain.
5. Axillary crutch.
6. Static and dynamic orthoses.
7. Clonus.
8. Dupuytren's contracture.
9. Reflex sympathetic dystrophy.
10. Pseudohypertrophy.