



**Rajiv Gandhi University of Health Sciences**  
**Master of Physiotherapy part 11 Degree Examination May 2014**

[Time: 3 Hours)

[Max. Marks: 100]

**Neurological and Psychosomatic Disorders**

**Q.P. CODE: 8116**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary, Answer all questions

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Explain the principles of development. Give the details of milestones of all '4' domains that are achieved by the child between 3-9 months
2. Recent advances on the effect of mirror therapy integrating functional electrical stimulation on gait in stroke patients

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Electro myography and its role in neurological diagnosis
4. Define cerebral palsy. Give the topographical and pathological classification, Plan physiotherapy in a mixed type of cerebral palsy brought to you at the age of 6 months
5. Motor neurone diseases and its physiotherapy management
6. Define perception and discuss in detail the assessment and its training
7. Describe circle of Willis. Give the classical features and principles of physiotherapy as applied to stroke involving the major cerebral arteries
8. Types of spinal cord injury and its relevant to physiotherapy

