



Registration No:

--	--	--	--	--	--	--	--	--	--

Total Number of Pages: (01)

Course: MPT

SUBJECT NAME: Physiotherapy perspective in Neurology SUB_CODE: 23MPT1N1 Q. CODE: A085

(1st Year MPT) Examination: 2023-24 (Admitted Batch)

BRANCH: PT in speciality area (Neurology)

Max Time: 3 Hours

Max Marks: 80

Sitting: 1st, 10.00 AM to 1.00 PM

Any Question having parts should be answered as whole at one place only.

Illustrate answer with diagrams wherever relevant / required if any)

The figures in the right-hand margin indicate marks.

Q 1 Long Answer questions (any four out of six) (4 x 15 Marks)

- Describe the anatomy of human spinal cord and the functions of various spinal tracts
- Explain the pathology and clinical features of multiple sclerosis
- Describe the functions of autonomous nervous system in detail
- Write elaborately on gross and fine motor development in human beings
- Elaborate on the concepts of health, disease and disability and the techniques for positive healthy lifestyle behaviour
- Describe the neurophysiology of bipedal locomotion in human beings

Q 2 Short answer questions (any five out of eight) (5 x 4 Marks)

- Write about providing feedback for motor tasks
- Enumerate some effects of neuro pharmacological agents on exercises
- Write briefly about the causes of cerebrovascular accident (CVA)
- Explain briefly about the metabolic influences on neural plasticity
- How does the basal ganglia contribute in movement control
- What is the 'Systems theory' in motor control
- Explain briefly about Hereditary motor and sensory neuropathy (HMSN)
- Write about cerebellar ataxia
