

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MPT 0523]

MAY 2023

Sub. Code: 8172

MPT DEGREE EXAMINATION

**SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH II – PHYSIOTHERAPY IN NEUROLOGY**

Q.P. Code: 278172

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about systems assessment of various components of Balance.
2. Identify the spinal pathways that mediate sensation and describe the examination of sensory function and how the data from the examination of sensory function is used by the physical therapist?

II. Write notes on:

(10 x 6 = 60)

1. Differentiate between spasticity and rigidity. How should each be examined?
2. Involuntary movements.
3. Abnormalities in swallowing.
4. Primitive reflexes.
5. Assessment of patients with assistive devices.
6. Neural tube defects.
7. The Berg Balance Scale.
8. Describe the examination of a hyperactive patellar deep tendon reflex. What scores are used to document an increased DTR?
9. Differentiate between recovery of function and compensation.
10. Electromyography.
