

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

[MOT 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 9106

**M.O.T. DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted on or before the A.Y. 2021-2022)
BRANCH IV - ADVANCED OCCUPATIONAL THERAPY IN NEUROLOGY
PAPER I – CLINICAL SPECIALITY – I**

Q.P. Code: 419106

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the role of cerebral cortex, basal ganglia and cerebellum in producing voluntary movement.
2. Describe in detail about the neuro physiology of spasticity and explain its management.

II. Write notes on:

(10 x 6 = 60)

1. Spinal Orthosis.
2. Electromyography.
3. Wheel chair measurement.
4. What are reflexes and reactions?
5. Technologies in cognitive retraining.
6. Functional tests used for upper extremity.
7. Types of Aphasia.
8. Upper motor neuron and lower motor neuron lesions.
9. Dysfunction of cerebellum.
10. Define ADL. Types of ADL and explain some standardized ADL scales.
