

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

[DM 0822]

AUGUST 2022

Sub. Code :1411

D.M. – NEUROLOGY

Paper I – BASIC SCIENCES (CONSISTING OF NEURO ANATOMY, NEURO-PHYSIOLOGY, NEURO CHEMISTRY, NEURO PATHOLOGY, NEURO MICROBIOLOGY, PARASITOLOGY, IMMUNOLOGY, EPIDEMIOLOGY AND GENETICS)

Q.P. Code: 161411

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Anatomy of cerebellum and its connections.
2. Discuss the physiological aspects of sleep and discuss about sleep-wake cycle.

II. Write notes on: **(10 x 7 = 70)**

1. Auditory pathway.
2. Blood supply of spinal cord.
3. Frontal-subcortical circuits.
4. Sensory afferents.
5. Monoclonal antibodies in neurology.
6. Brachial plexus.
7. Arcuate fasciculus.
8. Amyloid precursor protein.
9. Negri bodies.
10. Laboratory diagnosis of herpes simplex encephalitis.
