

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

[LR 1220]

**DECEMBER 2020  
(AUGUST 2020 EXAM SESSION)**

**Sub. Code: 2523**

**BACHELOR IN NEURO ELECTRO PHYSIOLOGY  
THIRD YEAR – (Regulation from 2012-2013)  
PAPER III – APPLICATION OF CLINICAL NEUROPHYSIOLOGY AND ASSESSMENT  
Q.P. Code: 802523**

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. What is meant by Guillain Barre Syndrome, describe clinical features and potential complications?
2. What is Tubercular Meningitis? Describe the causative microorganism and list major complications of Tubercular Meningitis.
3. How are Extraparamidal Disorders classified? Describe the Gait in Hypokinetic Rigid Parkinsonian Disorders and list some common causes for same.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Symptoms and mechanism of Radial Nerve Pressure Palsy.
2. Acetylcholine Receptor Antibody – location and disorders associated.
3. Definition of Mononeuritis Multiplex, list common causes.
4. Alzheimer's Disease – diagnosis and complications.
5. Features of Vitamin B12 deficiency.
6. Hypothyroidism and Neurology.
7. Clinical presentation of Rapid Eye Movement Sleep Behavioral Disorder.
8. Definition of Brown Sequard Syndrome.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Cervical Dystonia – clinical features and principles of treatment.
2. Migraine Headache – diagnosis.
3. Disorders of Femoral Nerve.
4. Disorders of Pupillary reactions.
5. Electrophysiology of Post Poliomyelitis Syndrome.
6. Causes and presentation of Obstructive Hydrocephalus.
7. Clinical problems with Hypoglossal Palsy.
8. List a few Benzodiazepines and their uses.
9. Pre-Synaptic Disorders of Neuromuscular Junction.
10. Symptoms of Orthostatic Hypotension, mention common causes.

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