

Write short Notes on:

1. Supra nuclear control of Gaze.
2. Neural mechanism of micturition.
3. Brown – sequard syndrome.
4. Neuronal migration defects.
5. Neuronal plasticity.
6. Muscle tone.
7. CSF dynamics.
8. Benign positional vertigo
9. Anatomy of cerebral venous system.
10. Ataxic respiration.

Write short Notes on:

1. Cluster headache.
2. Reversible posterior leucoencephalopathies.
3. Inclusion body myositis.
4. Current concepts in management of multiple sclerosis.
5. Impact of newer AEDs in treatment of epilepsy.
6. Locked –in – syndrome.
7. Fronto-temporal dementia.
8. Internal carotid artery dissection.
9. Cranio vertebral anomalies.
10. Pacchy-meningitis.

Write short Notes on:

1. Role of radio-imaging in management of stroke.
2. Genetics of dystonia.
3. H – Reflex.
4. Quantification of EMG.
5. Skin biopsy in neurology practice.
6. Variants of CIDP.
7. Hippocampal sclerosis.
8. Stem cell therapy in neurology practice.
9. Role of SPECT in Neurological Disorders.
10. Transcranial magnetic stimulation.

Write short notes on:

1. Physiology of memory
2. Supraspinal control of muscle tone
3. Nonmotor functions of cerebellum
4. Neural correlates of consciousness
5. Anatomy, blood supply of internal capsule
6. Supranuclear eye movements: pathways and physiology
7. Types of alexia
8. Tractography and relevance to disconnection syndromes
9. Vascular syndromes of thalamus
10. Classification of nerve fibers

Write short notes on:

1. Evaluation and management of raised intracranial pressure
2. Role of shunt surgery in chronic meningitis
3. Indication of anti coagulation in stroke
4. Mechanism and indication of nerve antiepileptic drugs
5. Mechanism and management of central post stroke pain
6. Management of myasthenia in pregnancy
7. Non convulsive status epilepticus
8. Role of MRA in the evaluation of stroke
9. Management of CIDP in a patient with HIV
10. When MRI is not indicated in epilepsy

Write short notes on:

1. Evaluation of a patient of dementia
2. Evaluation of a patient of acute visual loss
3. Role of genetic studies in neuromuscular diseases
4. Approach to a patient of acute flaccid quadriplegia
5. Lumbar puncture in neurology practice
6. Evaluation of patient of a kinetic rigid state
7. Investigation of childhood stroke
8. Newer MR – imaging techniques & their clinical use
9. Somato sensory evoked potential studies (SSEP)
10. Frontal lobe epilepsy

Write short notes on:

1. Basal Ganglia Circuitry.
2. Memory.
3. Draw and label sections of Pons.
4. Blood supply of internal capsule.
5. Apraxia
6. Median Longitudinal Fasciculus.
7. Nerve Growth factor.
8. CSF Production and circulation.
9. Visual pathways and its lesions.
10. Cerebral autoregulation.

Write short notes on:

1. Optic neuritis – its implications & treatment.
2. Focal cortical dysplasia.
3. Mechanism of action of migraine – preventive medications.
4. Drug treatment of dementias.
5. ALS – El Escorial criteria and how useful it is in clinical practice.
6. Use of steroids in the treatment of Acute Spinal Cord Injury.
7. Excessive day-time sleepiness in the elderly.
8. Neuropathies.
9. Diagnosis and treatment of essential tremors.
10. Myotonic dystrophy.

Write short notes on:

1. Line of investigation in a patient with foot drop.
2. Features of demyelination in neurophysiological study.
3. Genetics of amyotrophic lateral sclerosis.
4. CT/MRI changes in cortical venous sinus thrombosis.
5. Significance of periodic discharges on EEG.
6. Functional MRI in dementia – role in diagnosis.
7. Role of radiology in the management of meningitis.
8. Clinical application of cognitive evoked potential.
9. Role of nerve conduction in the diagnosis of carpal tunnel syndrome.
10. Significance of spontaneous activity on EMG.