Write short Notes on:

1. Microsurgical anatomy of superior orbital fissure
2. Current concepts in physiology of Hydrocephalus.
3. Role of tree radial scavengers in Neurosurgery.
4. WHO classification of meningiomas - its prognostic significance
5. Histiocytosis – X
6. Brain Death – criteria & significance.
7. Intervertebral Disc – surgical anatomy & function.
8. Microsurgical anatomy of cavernous sinus
9. Cerebral Protection.
10. CP angle lesions – radiological differential diagnosis.

Write short Notes on:

1. Principles and clinical applications of SPECT
2. Lymphocytic Hypophysitis.
3. Surgical techniques for restoration of facial nerve functions.
4. Radiosurgery in Neurosurgery – Principles, indications and results.
5. CT Angiography.
6. Topical Hemostats in Neurosurgery.
7. Management of AVM with Aneurysm.
8. Pathogenesis and management of growing skull fracture.
9. Management of odontod fractures.
10. Intractable temporal lobe epilepsy - pathology and surgical management.

Write short Notes on:

1. Management options in a patient with Trigeminal Neuralgia.
2. Stem cell sin spinal cord injury – types, applications & ethical consideration.
3. Management principles in solitary brain metastasis.
4. Current indications and status of Artificial Cervical Disc.
5. Traumatic CSF Rhinorrhoea – localizations and surgical management.
6. Clinical manifestations and surgical techniques for intramedulary spinal tumors.
7. Surgical options in management of brachial plexus injury.
8. Neuroendoscopy in modern neurosurgical practice.
9. Colloid cyst indications – various surgical approaches.
10. Evoked potentials in clinical neurosurgery.

Write short notes on:

1. Microsurgical anatomy of auditory meatus
2. Classification of gliomas
3. Tarlov cyst
4 Neural stimulator
5 Control of pain in neurosurgery
6 Prophylactic use of antibiotics in neurosurgery
7 Pathogenesis of vasospasm
8 Microsurgical anatomy of jugular foramen
9 Neurotransmitters
10 Disconnection syndromes

Write short notes on:

1. M.R. spectroscopy
2. Helical CT
3. Neuroradiologic features of primary intracranial lymphomas
4 Management options in low grade glioma
5 Management of severe head injury patient
6 Management of vasospasm
7 Management of acromegaly
8 Management of acute spinal epidural abscess
9 Failed back syndrome
10 Tethered cord management

Write short notes on:

1. MR Tractography
2. Surgical management of pineal tumors
3. Percutaneous vertebroplasty and kyphoplasty
4 Carotid cavernous fistula
5 Tumor markers in CNS tumors
6 Intra operative aneurysm rupture
7 Primary CNS lymphoma
8 Surgical management of Parkinson's diseases
9 Dural arteriovenous malformation pathophysiology, classification & management
10 Micovascular decompression of fifth & seventh nerve – surgical anatomy & technique

Write short notes on:

1. How will you manage a case of focal fit?
2. Management of a case of low grade glioma.
3. Management of brachial plexus injury.
4. Management of raised ICP without localising signs.
5. CP Angle lesion: differential diagnosis.
6. Paradoxical response to antitubercular drugs.
7. Surgical anatomy of foramen magnum.
8. AVM with aneurysm – management.
9. Unilateral proptosis – management.
10. Hydatid cyst – radiology and management.

Write short notes on:

1. MR Tractography.
2. Management of carotid stenosis.
3. Cerebral Revascularisation
4. Brain herniations – diagnosis & management.
5. Radiosurgery – principles & applications.
6. Failed Back Surgery Syndrome.
7. Microvascular Decompression (MVD) in trigeminal neuralgia.
8. Surgical approaches to pineal tumors.
9. Radiology of primary intracranial lymphomas.
10. Brain Death.

Write short notes on:

1. Surgical Approach to cavernous sinus lesion.
2. Gene Therapy.
3. Vasospasm – Management.
4. Image – guided neurosurgery – clinical applications.
5. Tethered Cord Syndrome.
6. Akinetic Mutism.
7. MR Spectroscopy.
8. Colloid Cyst - management.
9. Brain Oximetry.
10. Syringomyelia – Surgical approaches.