



**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with A++ Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test –I February – 2025**  
**Semester-VI**

**Class : III UG**  
**Major: PA**

**Time : 2 hours**  
**Max .Marks: 60**

**22BPAC32 – Neurology**

**Course Outcome:**

At the end of the class, students will be able to,

1. Understand the review of Anatomy and physiology of nervous system.
2. Know the importance of Assessment , diagnostic measures and Drugs used in neurological and neurosurgical disorders
3. Provide students insight into management of Traumatic conditions , Neuro emergencies and Cerebro vascular disorders.
4. Aware of the management of Degenerating, Neuro infections, Paroxysmal disorders and Developmental disorders.
5. Understand the Management of Neuro muscular disorders ,Neoplasms and Neuro Rehabilitation.

**Part A**

**6 x 1 = 6**

**Choose the correct answer**

1. A patient present exhibits difficulty with dysphagia .which cranial nerves are likely involved  
a. IX & X      b. V & VII      c. III & IV      d. VI &      CO1K2
2. Patient exhibits ataxic gait and difficulty with coordination which part of the nervous system effected  
a. Cerebellum      b. Basal ganglia      c Motor cortex      d.Peripheral nerves      CO1K2
3. A Patient is suspected of having myasthenia gravis. Electrophysiological test would be  
a. EMG      b. NCV      c EEG      d.REP      CO2K2
4. The most appropriate imaging study to diagnosing acute ischemic stroke  
a. CT Scan      b.MRI      c. Angiography      d.PET scan      CO2K1
5. Time window for administering thrombolytic therapy in acute ischemic stroke  
a. 0-3 hours      b. 0-4.5 hours      c. 0-6 hours      d. 0-12 hours      CO3K1
- 6 First line treatment for status epilepticus  
a. Lorazepam      b. Diazepam      c. Phenytoin      d. Valproate      CO3K1

**Part B**

**3 x 6=18**

**Answer all questions**

**Each answer should not exceed 400 words or two page**

7. a. Discuss on Emerging trends and issues in neurology (or)      CO1K2  
b. Explain Ethical and legal issues      CO1K3
8. a. Describe Cerebro spinal fluid analysis (or)      CO2K2  
b. Explain about CT and MRI & SPECT      CO2K2
9. a. Discuss on Increased intra cranial pressure (or)      CO3K2  
b. Explain about Seizure disorder      CO3K1

**Part C**

**Answer all questions**

**Each answer should not exceed 400 words or two pages**

**3x12=36**

- 10.a. Describe about cranial and spinal nerves and reflexes & motor and sensory function (or)      CO1K2  
b. Elaborate on Anatomy and physiology of CNS, ANS, cerebral circulation      CO1K2
- 11.a. List down the Electrographic studies and write a note on it (or)      CO2K2  
b. Explain the Neurological Assessment      CO2K2
12. a. Describe in details about Spinal cord injuries (or)      CO3K1  
b. Illustrate about Cerebro vascular accident and unconscious      CO3K2

**Copies :57**

**All the best**

**Staff Incharge : Mrs. Annie Christy.I**