



**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. Recognized by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India**

**Continuous Internal Assessment I – February 2025
II Semester**

**Class : I UG
Branch : BASLP**

**Time : 3 Hours
Max. Marks : 60**

22BASC09: Neurology

Course Outcomes:

1. Understand the basics of neuro anatomy and physiology, cranial nerves and blood supply
2. Know about Neuro sensory and neuro motor controls of speech and hearing
3. To acquire knowledge about neural disorders like infections, developmental anomalies, UMN, LMN lesions related to speech and hearing.
4. To know about cerebro vascular lesions, trauma, degenerative diseases, and metabolic disorders related to neural conditions.
5. To obtain knowledge about central language acquisition, swallowing related neurogenic disorders.

Part A

6 x 1 = 6

Choose the Correct Answer

1. The nervous system responsible for regulating involuntary functions is CO1K1
a. Central Nervous System b. Peripheral Nervous System
c. Autonomic Nervous System d. Somatic Nervous System
2. The cranial nerve responsible for hearing and balance is CO1K1
a. Trigeminal nerve b. Facial nerve c. Vestibulocochlear nerve
d. Glossopharyngeal nerve
3. The lobe responsible for sensory function is CO2K1
Frontal Lobe b. Parietal Lobe c. Temporal Lobe d. Occipital Lobe
4. The area responsible for language comprehension is CO2K1
a. Broca's area b. Wernicke's area c. Angular gyrus
d. Supramarginal gyrus
5. Brodmann area 44, 45 is CO3K1
Broca's area b. Wernicke's area c. Angular gyrus d.
Supramarginal gyrus
6. The brain's ability to change and adapt in response to experiences is called CO1K1
a. Cerebral dominance b. Neurotransmission c. Cerebral plasticity d.
Reflex arc

Part B **3 x 6 = 18**
Answer ALL questions
Each answer should not exceed 400 words or two pages

- | | | |
|-----|---|-------|
| 7.a | Enumerate on cerebral plasticity and dominance
(Or) | CO1K2 |
| 7.b | Explain Transmission of information in neural system | CO1K2 |
| 8.a | Explain Trigeminal Nerve with origin, insertion, branches,
functions and examination in detail
(Or) | CO2K2 |
| 8.b | Explain Vagus Nerve with origin, insertion, branches,
functions and examination in detail | CO1K2 |
| 9.a | Discuss central auditory nervous system
(Or) | CO2K2 |
| 9.b | Discuss CSF | CO2K2 |

Part C **3 x 12 = 36**
Answer ALL questions
Each answer should not exceed 800 words or four pages

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|------|---|-------|
| 10.a | Discuss the brodmann's area related to speech and language and
hearing in detail with a neat diagram
Or | CO2K2 |
| 10.b | Discuss cerebral cortex and its lobes in detail | CO1K2 |
| 11.a | Discuss the subcortical structures in detail with a neat
diagram
Or | CO2K2 |
| 11.b | Enumerate on cranial nerves with its origin, insertion and
function in detail | CO1K2 |
| 12.a | Explain Ventricles in detail
Or | CO1K2 |
| 12.b | Discuss the Cerebral blood supply | CO3K2 |

Number of Copies: 22

Incharge: Devi Vijayalakshmi V