



**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 II – April 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 crossing over of the right and left corticospinal tract is known as
a. Decussation
b. Corona Radiata
c. Insula
d. Denervation CO3K1
2. The clinical signs of upper motor lesion would include
a. Hypotonia
b. Fasciculation
c. Hypertonia
d. Atrophy CO3K1
3. Cranial nerves controlling the gag reflex
a. IX
b. IX and X
c. XII
d. V CO4K1
4. Cerebral palsy is a
a. Language disorder
b. Speech disorder
c. Motor speech disorder
d. Articulatory disorder CO4K1
5. All of these are oral or pharyngeal reflexes except
a. Suckling
b. Moro reflex
c. Sucking
d. Rooting CO5K1
6. Lip seal and tongue moving the food towards the back of the mouth is a part of
a. Oral preparatory phase
b. Oral transit phase
c. Pharyngeal phase
d. Esophageal phase CO5K1

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

- 7.a Distinguish between upper motor neurons and lower motor neurons CO3K1
- (Or)
- 7.b Enumerate functions of the pyramidal and extrapyramidal systems in motor control CO3K1
- 8.a Discuss any two neural infections CO4K1
- (Or)
- 8.b Write a brief summary on performing a neurological bedside examination CO4K1
- 9.a Explain in detail about any one developmental motor speech disorders CO5K1
- (Or)
- 9.b Explain in detail about the neurological syndromes associated with speech and language disorders CO5K1

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

- 10.a Discuss the neuromotor control for speech and the role of different structures involved in the same CO3K1
- Or
- 10.b Discuss in detail about the three phases of swallowing CO3K1
- 11.a Elaborate on the developmental anomalies with their major signs and symptoms CO4K1
- Or
- 11.b Discuss central auditory nervous system CO4K1
- 12.a Explain in detail about consequences of trauma to the CNS CO5K1
- Or
- 12.b Explain in detail about the demyelinating diseases along with signs and symptoms CO5K1

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Incharge: Devi Vijayalakshmi V