

**Second Semester M.Sc Speech Language Pathology Degree
Regular/Supplementary Examinations May 2025**

SLP 204: Neurobiology of Speech Language and Cognition

Time: 3 hrs

Max marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(5x16=80)

1. Elaborate on the network view of brain function in light of the neuroimaging studies on speech-language functions.
2. Describe the examination of cranial nerves relevant for speech production.
3. Critically evaluate models of memory. Elaborate on Baddley's model of working memory.
4. Describe the age-related neurophysiological changes with recent evidences.
5. Describe cognitive mechanism. Briefly discuss the implications of cognitive mapping.
