

Q.P. Code: 204390

Reg. No.:.....

**Second Semester M.Sc Speech Language Pathology Degree Special
Examinations October 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. Explain about functional organization of brain and lateralization functions, quote research findings about language representation in the brain.
2. Explain on neuro-linguistic investigation procedures and elaborate on its implications in understanding language processing.
3. Explain about types of reasoning (inductive and deductive), thinking (Convergent and divergent), and interference (proactive and retroactive) briefly.
4. Compare and contrast hierarchical and interactive models of cognitive linguistic process.
5. Elaborate on neurological, cognitive and behavioral correlates of phenomenon of aging.
