

Q.P. Code: 102390

Reg. No.:.....

**First Semester M.Sc Speech Language Pathology Degree Regular/
Supplementary Examinations January 2026**

SLP 102: Speech Science and Speech Production

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. Discuss upper airway dynamics for speech in detail.
2. Compare and contrast production of vocal music with speech production.
3. Write short notes on the following highlighting the procedure and applications to speech assessment:
 - a) Stroboscopy
 - b) Electroglottography
 - c) Electromyography
 - d) Electromagnetic Midsagittal Articulography (EMMA)

(4+4+4+4)
4. Can place of articulation and presence of voicing among plosive sounds be correctly identified through acoustic analysis. Explain.
5. Elaborate on forensic applications of acoustic analysis of speech.
