

Q.P. Code: 102390

Reg. No.:.....

**First Semester M.Sc Speech Language Pathology Degree Regular/
Supplementary Examinations November 2024**

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. Speech reflects anatomical, physiological and psychological conditions of the speaker. Justify the statement.
2. Critically evaluate acoustic theory of speech production.
3. Spectrographic analysis of disordered speech is useful in understanding the speech disorders better. Discuss.
4. List the parameters of consonants that are obtained by analysis using PRAAT software and define each of them.
5. Define the following terms:

(a) Biphonation

(b) Articulatory synthesis

(c) Cepstrum

(d) Spectrum

(e) Lie detector

(f) Vowels

(g) LTAS

(h) Turbulent flow.

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