

Q.P. Code: 102390

Reg. No.:.....

**First Semester M.Sc Speech Language Pathology Degree
Regular/Supplementary Examinations January 2022**

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. Explain the factors responsible for pitch and intensity changing mechanism of larynx with illustrations.
2. Describe and critically explain source filter theory
3. Explain the upper and lower airway dynamics for various consonants
4. Explain the methods and procedure of forensic voice analysis
5. • Forensic speech analysis
 - MFCC method
 - Cues for vowels in spectrogram
 - Air pressure measures of speech production

(4+4+4+4)
