

Q.P. Code: 102390

Reg. No.:.....

**First Semester M.Sc Speech Language Pathology Degree Regular
Examinations May 2021**

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. Define stress and strain. Explain Stress strain curve in relation to vocal fold physiology.
2. What are the assumptions drawn based on perturbation theory
3. Explain the parameters used in infant cry analysis.
4. Describe the aerodynamic measures of stops and fricatives.
5. • Semiautomatic methods of speech recognition
 - Cepstral voice analysis
 - Types of spectrograms
 - Air flow measures of speech production

(4+4+4+4)
