

Q.P. Code: 112377

Reg. No.:.....

**First Year MASLP Degree Regular/Supplementary Examinations
April 2022**

Advances in Speech Sciences

(2016 Scheme)

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. Describe the air pressure and airflow measures of aerodynamic evaluation of speech production
2. Critically evaluate Garrett's model of speech production and mention its clinical relevance.
3. Explain electropalatography and its application in speech sciences.
4. Describe formant synthesis and concatenative synthesis with their merits and demerits. (8+8)
5. Explain the importance of infant cry analysis. Describe the various parameters used in infant cry analysis. (6+10)
