

[LO 0519]

MAY 2019

Sub. Code: 3003

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER III – SPEECH SCIENCE AND PRODUCTION**

Q.P. Code : 433003

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Techniques of Speech processing and analysis.
2. Models of Vocal fold Vibration.

II. Write notes on:

(10 x 6 = 60)

1. Physiology of laryngeal function.
2. Development of Vocal fold.
3. Neuromotor mechanism of articulatory system.
4. Spectrographic cues for vowels.
5. Infant cry analysis.
6. Aerodynamics of fricatives.
7. Application of spectrography in research.
8. Shatuck-Huffnagel's model of speech production.
9. Types of spectrographs.
10. Vowel height and velopharyngeal airway resistance.
