

[LL 1017]

OCTOBER 2017

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. Explain the application of spectrography in research.
2. Describe the neuro-physiological bases of speech production.

II. Write notes on:

(10 x 6 = 60)

1. Development of the vocal fold.
2. Speech analysis in forensic sciences.
3. Aerodynamics of stops.
4. Spectrographic cues for vowels.
5. Short time speech analysis techniques.
6. Various types of spectrograms.
7. One mass model of vocal fold vibration.
8. Muscles of larynx.
9. Methods of respiratory analysis.
10. Studies on infant cry analysis.
