

[LN 1018]

OCTOBER 2018

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. Elaborate on neurophysiological bases of articulatory system.
2. Describe the various spectrographic cues for stops, nasals and fricatives.

II. Write notes on:

(10 x 6 = 60)

1. Shatuck-Huffnagel's model of speech production.
2. Types of spectrographs.
3. Vibratory modes of vocal folds.
4. Development of vocal fold.
5. Relationship between vowel height and velopharyngeal airway resistance.
6. Articulatory-aerodynamic relations of affricates.
7. Dell's activation model.
8. Source filter theory.
9. Voice response system.
10. Speech coding techniques.
