

[LM 0518]

MAY 2018

Sub. Code: 3007

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER VII – AUDITORY PHYSIOLOGY**

Q.P. Code : 433007

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Elaborate on the anatomical and physiological changes across cochlea from basal to apical end.
2. Stimulus coding, frequency, intensity, duration of complex signals, speech at different levels of auditory pathway.

II. Write notes on:

(10 x 6 = 60)

1. Anatomy of vestibular system.
2. Importance of efferent pathway.
3. Modes of bone conduction.
4. Area and lever ratio in middle ear function.
5. Frequency theory on hearing.
6. Importance of integration of various senses for balance.
7. Neurotransmitters and its importance in stimulus coding.
8. Types of cells in auditory cortex.
9. Anatomical differences in Eustachian tube and external ear in children and adults.
10. Developmental changes in external ear.
