

[LL 1017]

OCTOBER 2017

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. Explain Brain Plasticity and neurobiological relationship between auditory cortex and other areas of Neural Plasticity.
2. Mechanism of Localization at each level of auditory system.

II. Write notes on:

(10 x 6 = 60)

1. Explain in detail the anatomy of vestibular system.
2. Hair cell repair and regeneration.
3. Cochlear fluids.
4. Explain the process of Electro-motility in Cochlea.
5. Refractory period and adaptation in auditory nerve.
6. Acoustic and non-acoustic function of external ear.
7. Stimulus coding in Cochlear Nucleus.
8. Neuro transmitters in auditory system.
9. Difference between Cochlear and Vestibular Hair cells.
10. Endo cochlear potentials.
