

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 3007

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER VII – AUDITORY PHYSIOLOGY
*Q.P. Code : 433007***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on :

(2x20=40)

1. Middle ear transformer action with relevant literature.
2. Stimulus coding at various levels of auditory pathway.

II. Write notes on :

(10x6=60)

1. Temporal bone anatomy with its role in hearing.
2. Cochlear fluids.
3. Place theory.
4. Importance of neurotransmitters in auditory system.
5. Functions of efferent auditory pathway.
6. Vestibular ocular reflex.
7. Cochlear plasticity and its relevance to hearing.
8. Blood supply to cochlea.
9. Auditory adaptation.
10. Anatomy of MGB.
