

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

[AHS 0921]

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

Sub. Code: 3006

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER VI – PSYCHOPHYSICS
*Q.P. Code : 433006***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on :

(2x20=40)

1. Explain temporal perception in detail. Describe various factors affecting temporal processing.
2. Explain binaural hearing in detail and its advantages in the management of hearing impaired.

II. Write notes on :

(10x6=60)

1. Localization.
2. Timbre perception.
3. Pathophysiology of fatigue.
4. Temporal modulation transfer function.
5. Weber's law and differential sensitivity.
6. Psychophysical methods for the assessment of threshold.
7. Critical band concept.
8. Cone of confusion.
9. Consonance and dissonance.
10. Clinical application of psychophysical tuning curves.
