

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

[AHS 0522]

MAY 2022

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 pitch perception and factors affecting them in normal hearing and hearing-impaired individuals.
2. Explain the theories, models, and physiological aspects of adaptation in detail.

II. Write notes on :

(10x6=60)

1. Differential sensitivity of frequency.
2. Perception of pitch of complex tones.
3. Object perception.
4. Masking level difference.
5. Minimum audible angle.
6. Duration discrimination.
7. Types of temporal masking.
8. Clinical application of temporal resolution.
9. Factors affecting loudness perception.
10. Clinical application of differential sensitivity and Weber's law.
