

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

[AHS 1022]

OCTOBER 2022

Sub. Code:2805

**M.Sc. AUDIOLOGY
FIRST SEMESTER (From 2021-2022 onwards)
PAPER V – HEARING SCIENCES**

Q.P. Code: 282805

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2x20=40)

1. Explain various psychophysical methods for threshold estimation.
2. Elaborate and critically evaluate various theories of pitch perception with supporting studies.

II. Write notes on:

(10x6=60)

1. Equal loudness contours.
2. Central masking.
3. Difference limen of frequency.
4. Auditory filters in normal hearing individuals.
5. Critical band concept.
6. Recruitment.
7. Overshoot phenomenon.
8. Temporal masking.
9. Pitch scales.
10. Long term average speech spectrum.
