

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

**[AHS 0321]**

**MARCH 2021**

**Sub. Code: 3006**

**(OCTOBER 2020 EXAM SESSION)**

**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. Classical and adaptive methods in psychophysics.
2. Factors affecting temporal perception and Clinical application.

**II. Write notes on :**

**(10x6=60)**

1. Durlach and Jeffress models.
2. Monaural localization and clinical application of binaural hearing.
3. Factors affecting pitch perception.
4. Ohm's law and auditory scene analysis.
5. Adaptation and fatigue.
6. Temporal modulation transfer function.
7. Critical band concept.
8. Frequency resolution and excitation pattern.
9. MAP & MAF.
10. Factors affecting loudness.

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