

[LM 0518]

MAY 2018

Sub. Code: 3006

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER VI – PSYCHOPHYSICS**

Q.P. Code : 433006

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain temporal perception in detail. Describe temporal encoding in auditory system and its clinical applications.
2. Describe psychophysical tuning curves and its procedure. Explain its clinical applications with suitable examples.

II. Write notes on:

(10 x 6 = 60)

1. Consonance and dissonance.
2. MAF and MAP.
3. Critical band concept.
4. Gap detection and its applications.
5. Temporal modulation transfer function.
6. Timber perception.
7. Interaural time difference.
8. Compare monoaural vs binaural hearing.
9. Minimum audible angle and cone of confusion.
10. Weber's law.
