

[LO 0519]

MAY 2019

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 dimension in binaural hearing. Write a note on binaural phenomenon of beats and rotating tones.
2. Explain psychophysical tuning curves. Write a note on critical band concept.

II. Write notes on:

(10 x 6 = 60)

1. Explain in detail about loudness scaling.
2. Explain pitch of complex tones.
3. Write a note on lateralization.
4. What is the utility of binaural interference in localization?
5. Write about different types of maskers and their role in masking.
6. Explain binaural adaptation and binaural interference.
7. Explain critical band and auditory filters.
8. Explain pitch perception in pathological ears.
9. Compare and contrast adaptation and fatigue.
10. Explain the role of figure-ground phenomenon in perception.
