

First Year MASLP Degree Examinations, January 2012

PSYCHOPHYSICS OF AUDITION

Time: 3 Hours

Max Marks: 80

- Answer all questions

Essay

(5x16=80)

1. Explain in detail about loudness scaling. (16)
2. Explain temporal dimension in binaural hearing. Write a note on binaural phenomenon of beats and rotating tones. (8+8)
3. Write a note on neural networks in signal detection. Explain characteristics of receiver operating curves in signal detection theory. (6+10)
4. Write a note on equal pitch contours. Explain pitch of complex tones. (8+8)
5. Explain psychophysical tuning curves. Write a note on critical band concept. (8+8)
