

First Year MASLP Degree Examinations - November 2012

PSYCHOPHYSICS OF AUDITION

Time: 3 Hours

Max Marks: 80

- Answer all questions

Essay

(5x16=80)

1. What is pulsation threshold and what is its significance. Briefly explain two-tone suppression. What are the effects of cochlear pathology on the perception of loudness. (4+4+8)
2. What are loudness scales. How are they utilized. Discuss the factors affecting the perception of pitch and loudness in the hearing impaired. (4+4+8)
3. Differentiate between localization and lateralization. List the factors affecting the localization of complex signals. Discuss the significance of temporal gap detection.
4. What is masking level difference. Describe any one model of binaural hearing. What is central, forward and backward masking. Explain the clinical utility of psycho physical turning curve.
5. What is consonance and dissonance. What factors determine these two phenomena. What is the significance of DL for frequency and intensity. Methods of estimation of DLI & DLF
