

First Year MASLP Degree Supplementary Examinations , April 2015

## PSYCHOPHYSICS OF AUDITION

Time: 3 Hours

Max Marks: 80

- Answer all questions

**Essay**

**(5x16=80)**

1. Explain in detail about absolute threshold of hearing, minimum audible pressure and field & loudness level. (16)
2. Explain in detail about absolute and differential sensitivity of sound. Add a note on loudness and pitch. (8+8)
3. Discuss the basic concepts of theory of signal detection. Explain about application of signal detection theory. (6+10)
4. Mention the factors affecting pitch perception. Explain pitch scale (8+8)
5. Explain Weber's law and its clinical application. (8+8)

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