

**Q.P. Code: 115377**

**Reg. No.:.....**

**First Year MASLP Degree Examinations November 2018**

**Psychophysics of Audition**

**(2016 Scheme)**

**Time: 3 hrs**

**Max marks: 80**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays**

**(5x16=80)**

1. "Both hit and false alarms should be considered to estimate the sensitivity ( $d'$ ) instead of only hit". State whether the statement is true or false and justify your answer. Write the applications of theory of signal detection in audiology.
2. Describe any four psychophysical methods to estimate frequency resolution in humans.
3. How do you measure temporal resolution in humans. Describe any two models of temporal resolution/processing.
4. Describe the various auditory cues that help in auditory object formation and stream segregation.
5. Describe any two models that explains MLD in binaural hearing abilities.

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