

Q.P. Code: 105389

Reg. No.:.....

**First Semester M.Sc Audiology Degree Regular Examinations
May 2021**

A 105: Hearing Sciences

Time: 3 hrs

Max marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(5x16=80)

1. Explain adaptive procedures of threshold tracking.
2. Explain the methods to estimate DLI. Also describe the factors affecting DLI.
3. Explain missing fundamental frequency. Explain the mechanisms of missing fundamental perception.
4. Explain power spectrum model. Describe the auditory filter shape characteristics in individuals with normal hearing and hearing impaired.
5. Define psycho-physical overshoot in masking. Explain the factors affecting psychophysical overshoot and central masking.
