

Q.P. Code: 115377

Reg. No.:.....

**First Year MASLP Degree Regular/Supplementary Examinations
April 2022**

Psychophysics of Audition

(2016 Scheme)

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. Describe the procedure, merits and demerits of method of constant stimuli and transformed up-down procedure of threshold estimation. Among these procedures which method is more vulnerable to the negative effects of attention lapses and how will you neutralize the attention lapses effect in both methods. Justify.
2. Define critical bands and auditory filters. Describe the auditory filter characteristics in individuals with normal hearing and cochlear hearing loss.
3. Factors affecting gap detection and modulation detection thresholds.
4. What are the methods to assess Difference Limen for Frequency (DLF). Describe the factors that influence DLF.
5. Binaural hearing is not essential for localization. State whether the statement is true or false and justify your answer. Describe the cues for localization and physiological mechanism of localization.
