

MASTER OF SCIENCE (AUDIOLOGY)
M.Sc. (AUDIOLOGY) Sem-II :SUMMER- 2022
SUBJECT : AUDITORY PERCEPTION

Day : Tuesday

Time : 10:00 AM-01:00 PM

Date : 13-09-2022

S-19539-2022

Max. Marks : 80

N.B.

- 1) All Questions are **COMPULSORY**.
- 2) The number to the right indicates **FULL** marks.
- 3) Draw diagrams wherever **NECESSARY**.
- 4) Answer each section in the respective answer sheet only.
- 5) Answer written in the inappropriate answer sheets will not be assessed in any case.

Q.1 Attempt any **FOUR** out of Six **(60)**

- a) Illustrate the concept of timber perception measured using time variant and invariant pattern of auditory signal.
- b) Explain different methods of studying adaptation. Compare the phenomenon of adaptation in normal hearing individuals with that of persons with hearing impairment with the support from literature.
- c) Describe the concept of object perception and factors affecting object perception.
- d) Explain different methods to assess temporal resolution and temporal integration ability of a normal hearing individual and mention it's variation in persons with hearing impairment with the support from literature.
- e) Compare localization with lateralization and describe the physiological models of localization.
- f) Enlist different scales of music perception and discuss various factors affecting music perception.

Q.2 Attempt any **FOUR** out of Six **(20)**

- a) Compare adaptation with fatigue
- b) Discuss cues needed for monaural localization
- c) Describe neurophysiological model of adaptation.
- d) Explain any one model of temporal perception in normal hearing individuals
- e) Explain the concept of Masking level difference.
- f) Describe the role of auditory cortex in localization.

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