

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

Day : Saturday

Time : 10:00 AM-01:00 PM

Date : 17-09-2022

S-19541-2022

Max. Marks : 80

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
 - 3) Draw diagram **WHEREVER** necessary.
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Q.1 Attempt ANY FOUR out of SIX (4x15 = 60)

- a) Discuss the clinical applications of auditory brainstem responses.
- b) Describe the procedure and protocol for recording auditory middle latency responses.
- c) Discuss the different auditory stimuli that can be used for recording brainstem responses and their clinical applications.
- d) With evidences from literature, discuss the need for carrying out cortical auditory evoked potentials during assessment and rehabilitation of persons with hearing loss.
- e) Discuss the factors that need to be considered during intra operative monitoring of hearing using auditory evoked potentials.
- f) Discuss the clinical applications for MMN and P300.

Q.2 Write short notes on ANY FOUR out of SIX of the following (4x15 = 20)

- a) Global field power of multichannel recording
- b) Effect of electrode montage on ABR
- c) Artifact rejection
- d) Need for filtering auditory evoked potentials
- e) Stimuli used for recording ASSR
- f) eABR
