

Q.P. Code: 204389

Reg. No.:.....

**Second Semester M.Sc Audiology Degree Regular/Supplementary
Examinations July 2022**

A 204: Advances in the Management of Hearing Loss

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 the procedure for electroacoustic measurement of Receiver-in –the- canal (RIC) hearing aid. Also brief on the procedure to get the input-output curve of a hearing aid with compression.
2. Explain the protocol used for pre-selection, selection, verification, and validation of hearing aid fitment for children.
3. Briefly describe how the noise reduction algorithms and nanotechnology in hearing aids can improve speech perception.
4. Delineate on the different methods used to measure the outcomes of the hearing aid benefit and quality of life of a hearing impaired.
5. Explain the pathophysiology for the perception of Tinnitus. Explain Tinnitus retraining counseling.
