

Q.P. Code: 103389

Reg. No.:.....

**First Semester M.Sc. Audiology Degree Regular/Supplementary
Examinations November 2024**

A 103: Cochlear Physiology

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. With the help of neat labelled diagrams. Explain the acoustic and non-acoustic reflex pathways. Briefly mention their clinical applications.
2. Draw a neat diagram of cross section of cochlea. Also describe the micro-anatomical structures of cochlea.
3. Explain the origin, composition, absorption and dynamics of cochlear fluids.
4. What are the potentials recorded in electro-cochleography. Also add a note on source/s of each potentials and their clinical applications.
5. Describe in detail about place and frequency theories.
