

Q.P. Code: 103389

Reg. No.:.....

**First Semester M.Sc. Audiology Degree Regular/Supplementary
Examinations January 2022**

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. Discuss acoustic and non-acoustic reflex pathways with a neat diagram.
2. Explain current evidences on hair cell repair and regeneration in cochlea.
3. (a) Discuss the dynamics of cochlear fluid.
(b) Write a note on two-tone suppression. (8+8)
4. Explain instrumentation, protocol and interpretation of Electrocochleography (EcochG).
5. Discuss travelling wave theory.
