

Q.P. Code: 103389

Reg. No.:.....

**First Semester M.Sc. Audiology Degree Regular/Supplementary
Examinations September 2023**

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. Pinna and external auditory meatus play a significant role in hearing. Discuss.
2. (a) Elaborate on various proteins in the cochlea and their functions.
(b) Explain the blood supply of inner ear with a neat diagram. (8+8)
3. With literature support, discuss different modes of bone conduction in humans.
4. Discuss the features of cochlear micro phonics and summing potentials and their clinical application.
5. Compare and contrast the theories of hearing.
