

Q.P. Code: 201389

Reg. No.:.....

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

A 201: Neurophysiology of Hearing

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 anatomical structures and tonotopic organization of cochlear Nucleus.
2. Explain anatomy and tonotopic organization of Lateral Lemniscus and Inferior Colliculus.
3. a) Explain physiology of sound localization.
b) Write a note on different types of cell patterns and coding of complex acoustic signal in central auditory pathway.
4. Write a note on classification of auditory cortex and tonotopic organization of the primary and secondary auditory area.
5. a) Explain anatomy of the cranial nerve related to ear.
b) Explain non-classical auditory pathway.
