

Q.P. Code: 201389

Reg. No.:.....

**Second Semester M.Sc. Audiology Degree Regular Examinations
August 2021**

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. Explain functions and properties of neurotransmitters.
2. Explain tonotopic organization of ascending auditory pathway.
3. a) Discuss response pattern observed at the different levels of ascending auditory pathway.
b) Discuss different types of coding of the complex acoustic signal in central auditory pathway.
4. Discuss neurophysiology of auditory area.
5. a) Explain anatomy of the thalamic and upper brainstem efferent auditory system.
b) Explain perception of auditory stimulus and protective function of efferent pathway.
