

Q.P. Code: 402389

Reg. No.:.....

**Fourth Semester M.Sc. Audiology Degree Regular/Supplementary
Examinations March 2025**

A 402: Implantable Auditory Devices

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. You are working in the hospital setup and planning to start the IHD program, in such case what are the considerations that you may have to account for success.
2. Explain the component and working principle of the percutaneous bone conduction device. What are the advantages and disadvantages of percutaneous bone conduction devices.
3. In which all cases the CI is recommended according to expanding criteria and justify it with the literature support.
4. Explain the programming techniques in CI. Justify 'Behavioral approach is gold standard in mapping.
5. Describe the working principle of the auditory midbrain implant (MBI). Who are the candidature of MBI. Complications of MBI.
