

**Third Year BASLP Degree Supplementary Examinations June 2024
Hearing Aids
(Common for 2010 and 2012 Scheme)**

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:

(4x10=40)

1. What is electroacoustic measurement. Explain the procedure of following electroacoustic measurement.
 - OSPL 90
 - Equivalent input noise
2. What is BILL and TILL. Explain the application of BILL and TILL.
3. Explain the CI mapping procedure for a two-year-old child.
4. How is the selection of hearing aids in children different from the elderly.

Short notes

(5x5=25)

5. Programmable hearing aids.
6. Insertion and functional gain.
7. Candidacy of cochlear implant in children.
8. Hearing aid care and maintenance.
9. Justify 'preselection of hearing aid is an essential parameter for full-time users.'

Answer briefly

(5x3=15)

10. With literature support, explain any one enhancement method that improves speech intelligibility.
11. Factors influencing effective counselling in hearing aid care and maintenance.
12. Electroacoustic measurement - Battery drain.
13. Mention the difference between NAL NL2 and DSLi/o 5 prescriptive formula.
14. Complications of Brainstem implants.
