

**Third Year BASLP Degree Supplementary Examinations July 2025
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. Describe the historical developments of hearing aids. Emphasize the developments in each era.
2. Discuss about the different group amplification devices
3. What are the different types of ear mould available for fitting with BTE hearing aids. Differentiate the making of soft and hard mould
4. Explain instrumentation for carrying out electroacoustic measurement of hearing aids with a neat diagram.

Short notes

(5x5=25)

5. Types of microphones
6. Custom made Vs modular hearing aids
7. Head shadow effect
8. Frequency transposition
9. Purpose of carrying out electroacoustic measurements of hearing aids

Answer briefly

(5x3=15)

10. Working principle of receiver in a hearing aid
11. Advantages of binaural fitting in bilateral hearing loss
12. Peak clipping
13. Vents in ear mould
14. OSPL90
