

**Fifth Semester BASLP Degree Regular/Supplementary Examinations  
December 2024**

**Amplification Devices**

**Time : 2 hrs**

**Max marks : 50**

- *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*

**Essay:**

**(3x10=30)**

1. Define compression in hearing aids. Differentiate between input and output level compression.
2. Write a note on the signal enhancing techniques used in hearing aids.
3. Differentiate between the IEC and ANSI standards on electroacoustic measurements of hearing aids.

**Short notes**

**(3x5=15)**

4. Master hearing aids.
5. Different types of microphones used in hearing aids.
6. Full on gain and reference test gain.

**Answer briefly**

**(5x1=5)**

7. Programmable hearing aids.
8. FM system in hearing aids.
9. Bi-CROS.
10. RIC.
11. Diffraction effects.

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