

**Fifth Semester BASLP Degree Regular/Supplementary Examinations  
July 2023**

**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. What is group amplification. Explain different types of group amplification devices.
2. Explain the signal processing in hearing aids.
3. What is compression in hearing aids. Explain different types of compression in hearing aids.

**Short notes**

**(3x5=15)**

4. Analog vs digital hearing aids.
5. Artificial intelligence in hearing aids.
6. Electroacoustic measurements.

**Answer briefly**

**(5x1=5)**

7. Modular hearing aids.
8. Peak clipping.
9. Pseudobinaural hearing aids
10. CROS.
11. RIC

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