

**Q.P.Code: 304015**

**Reg. No.:.....**

**Third Year BASLP Degree Supplementary Examinations January 2023**

**Hearing Aids**

**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. Explain in brief candidacy for cochlear implantations. List the advantages and various surgical complications related to cochlear implants.
2. List the various speech enhancing strategies for hearing aids.
3. Explain in detail the procedure to prescribe and program hearing aids for individuals with presbycusis.
4. Explain different components of cochlear implants and its function in detail.

**Short notes**

**(5x5=25)**

5. Historical development of hearing aids.
6. Effect of ear mold modification.
7. Purpose of low frequency amplification.
8. Explain in detail and functionality of group amplification devices.
9. Instrumentation of electro acoustic measurements.

**Answer briefly**

**(5x3=15)**

10. Sound level meter.
11. CROS hearing aids.
12. Peak clipping.
13. Brainstem implant.
14. Types of microphone.

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