

**Q.P.Code: 304015**

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

**Third Year BASLP Degree Supplementary Examinations March 2018**

**Hearing Aids**

**Time : 3 hrs**

**Max marks : 80**

- **Answer all questions**
- **Draw diagrams Whereever necessary**

**Essays:**

**(4x10=40)**

1. What are the different objective methods used to hearing aid fitting and verification. Explain.
2. Explain the microphone based noise reduction methods in detail.
3. Explain the parts and function of analogue and digital hearing aids in details with neat diagram
4. Discuss on candidacy of cochlear implant.

**Short notes**

**(5x5=25)**

5. Frequency transposition hearing aids
6. Induction loop system
7. Different types of couplers and the need for it.
8. Explain the advantage of binaural amplification
9. Implantable hearing aids.

**Answer briefly**

**(5x3=15)**

10. TILL
11. Compression limiting
12. ANSI
13. Effect of acoustic couplers on hearing aid output
14. Hearing aids for conductive hearing loss

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