

# 2016 Scheme

Q.P.Code: 314015

Reg. No.:.....

Third Year BASLP Degree Regular Examinations March 2021

## 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*

**Essay:**

**(4x10=40)**

1. Explain on static and dynamic characteristics of compression with graphs
2. Explain the different full on gain measurement with interpretation in detail.
3. Explain on implantable hearing aids, its advantages and disadvantages
4. Explain in detail the recent developments in signal processing in hearing aids

**Short notes**

**(5x5=25)**

5. Explain effects of acoustic couplers on hearing aid output
6. Explain about different types of Hearing Aids". speech processing strategy. Enumerate the different types of it
7. Compare and contrast Implantable Vs bone anchored hearing aids
8. Explain the use of AEPs and OAEs in hearing aid selection and fitting
9. Explain the importance of hearing aid preselection

**Answer briefly**

**(5x3=15)**

- 10.Head Shadow Effect
- 11.ANSI standard
- 12.Dampers in hearing aids
- 13.Binaural amplification
- 14.OSPL 90

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