

Q.P.Code: 304015

Reg. No.:.....

Third Year BASLP Degree Supplementary Examinations January 2019

Hearing Aids

Time : 3 hrs

Max marks : 80

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

Essays:

(4x10=40)

1. Explain the various static and dynamic characteristics of compression
2. What are the various measures that are done at full on setting in electroacoustic measurements. Explain the procedure and interpretation in detail.
3. Discuss on recent advancement in signal processing in hearing.
4. Explain the various factors affecting hearing aid selection process.

Short notes

(5x5=25)

5. Group amplification system
6. Assistive listening technology for aged hearing impaired
7. Hearing aid verification using impedance audiometry
8. Algorithm based noise reduction technology
9. Real ear to coupler difference.

Answer briefly

(5x3=15)

10. Master hearing aid
11. BILL
12. Compression
13. ADRO
14. Functional gain
