

Q.P.Code: 304015

Reg. No.:.....

Third Year BASLP Degree Supplementary Examinations July 2022

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. Describe the historical development of hearing aids.
2. Explain steps involved in making soft molds.
3. Discuss in detail about peak clipping and compression.
4. Describe any five electroacoustic measurements of hearing aids.

Short notes

(5x5=25)

5. Infrared system for group amplification.
6. Describe input and output compression.
7. Describe the types of cords used in body level hearing aids.
8. Describe any two types of CROS (contralateral routing of signals) hearing aids.
9. Discuss about the batteries used for hearing aids.

Answer briefly

(5x3=15)

10. Vents in ear molds.
11. Body baffle effect.
12. OSPL 90 (output (saturation) sound pressure level).
13. Zinc air cells.
14. Zwislochi coupler.
