

**BAS-807      BASLP-25**

**BACHELOR IN AUDIOLOGY AND SPEECH-  
LANGUAGE PATHOLOGY DEGREE  
EXAMINATION – JANUARY 2009.**

**Second Year**

**AMPLIFICATION AND ASSISTIVE DEVICES  
FOR THE HEARING IMPAIRED**

Time : 3 hours

Maximum marks : 80

1. Compare the following : (3 × 3 = 9)
  - (a) Body level aid Vs Ear level aid.
  - (b) Equal input noise Vs Distortion.
  - (c) Coupler Vs Ear Simulator.
  
2. Mention the importance of the following : (3 × 3 = 9)
  - (a) Insertion gain.
  - (b) Programmable hearing aids.
  - (c) Ear mould modifications.

3. Define : (4 × 3 = 12)
- (a) Cochlear Implant.
  - (b) Functional gain.
  - (c) AGC.
  - (d) BAHA.
4. Write essay on any TWO of the following : (2 × 10 = 20)
- (a) Electro acoustic characteristics of hearing aids.
  - (b) Group amplification devices.
  - (c) Digital hearing aids.
5. Write short notes on any SIX of the following : (6 × 5 = 30)
- (a) Telephone listening device and its demerits.
  - (b) Candidacy for Cochlear Implant along  $\bar{C}$  team members.
  - (c) Compression.
  - (d) Hearing aids for infants.

- (e) Parts of body level hearing aid  $\bar{C}$  neat diagram.
- (f) Describe any 5 five of CROS.
- (g) Concept of Articulation Index and Speech banana.

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