

[LN 1018]

OCTOBER 2018

Sub. Code: 3016

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS  
SECOND YEAR  
PAPER VI – HEARING DEVICES**

*Q.P. Code : 433016*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. ALDs and its types.
2. Write on selection criteria, assessment protocols, management & outcomes of BAHA.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Basics of FIR filters & their applications in speech & hearing.
2. FM transmission and reception and its application in FM hearing aids.
3. Principles and working of programmable based hearing aids.
4. Techniques of noise reduction using microphone technology and their implementation in hearing aids.
5. International standards in the evaluation of hearing aids.
6. What are tinnitus maskers? Discuss their utility.
7. Cochlear Implants.
8. Advantages & disadvantages of bimodal stimulation.
9. Describe any two speech coding strategies currently in use.
10. Candidacy of Middle ear implants.

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