

[LI 0416]

APRIL 2016

Sub. Code: 3016

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

Q.P. Code : 433016

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the different Real ear measurements? Usefulness of the Real Ear Measures in fitting hearing aids.
2. Discuss the indications both otological and audiological, which makes the patient a candidate for Bone Anchored Hearing Aid.

II. Write notes on:

(10 x 6 = 60)

1. What is FM and AM transmission? How are they different from each other?
2. Describe the terms filtering, sampling, and quantization with reference to Digital Signal Processing.
3. Implementation of telerehabilitation in a rural setup.
4. Differentiate Input and Output compression.
5. Name and describe the standards for hearing aids.
6. Special considerations in choosing children below 24 months for cochlear implants.
7. What will you do when a child stops responding to the input from their cochlear implants?
8. Treatment options for a patient who reports of tinnitus in both ears.
9. Outcome measures in children with Auditory Brainstem Implant.
10. Importance of Intra operative testing of cochlear implants in device programming.
