

[LL 1017]

OCTOBER 2017

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. Discuss the audiological assessment and management options for 3 year old pre-lingual deaf child.
2. What is BAHA? Write on selection criteria, recommended assessment protocols, steps in management and outcomes of middle ear implants.

II. Write notes on:

(10 x 6 = 60)

1. How digital signal processing is different from analogue processing?
2. Describe any two digital modulations techniques.
3. Discuss in detail about non-linear amplification and its advantages over linear amplifications.
4. What are tinnitus maskers? Discuss their utility and efficacy.
5. Discuss the pre-operative and post-operative counseling tips for CI.
6. Describe any two speech coding strategies currently in use.
7. Write short note on electro acoustic measurement in hearing aids.
8. Describe the intra-operative monitoring in CI and justify the need.
9. Describe the factor affecting the outcome of CI.
10. Discuss the role of FM transmission in audiological rehabilitation.
