

[LJ 0816]

AUGUST 2016

Sub. Code: 2324

**B.Sc. AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY  
THIRD YEAR  
PAPER IV – REHABILITATIVE AUDIOLOGY**

*Q.P. Code: 802324*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain various methods of training for speech reading in detail.
2. Explain the role of audition in speech and language development and its application in hearing impaired children.
3. Describe various components of cochlear implant with a neat diagram.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Visual Assistive listening devices.
2. Brainstem implants.
3. Burglar alarm.
4. Tadoma.
5. Speech characteristics of severe hearing impaired children.
6. Effect of age and motivation in auditory training.
7. Test for speech reading abilities.
8. Communication strategies.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Viseme.
2. Phonemic regression.
3. Acoustic highlighting.
4. Percutaneous BAHA.
5. Auditory closure.
6. Vibrotactile devices.
7. Auditory visual perception.
8. Natural approach for auditory training.
9. Speech processor.
10. Single channel vs Multichannel cochlear implants.

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