

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**

**SECOND YEAR – SEMESTER - IV**

**PAPER IV – IMPLANTABLE HEARING DEVICES**

*Q.P. Code: 802364*

**Time: Three Hours**

**Maximum : 50 Marks**

**Answer All questions**

**I. Elaborate on:**

**(1 x 10 = 10)**

1. Audiological and non-audiological candidacy criteria and contraindications for cochlear implant in children.

**II. Write notes on:**

**(5 x 5 = 25)**

1. Types and components of bone anchored hearing aid.
2. Counseling for middle ear implants.
3. Differentiate bilateral, bimodal and hybrid cochlear implant.
4. Cochlear implant mapping.
5. Factors affecting cochlear implant outcome in children.

**III. Short answers on:**

**(5 x 3 = 15)**

1. ESRT – Expand and explain.
2. Candidacy for brainstem implant.
3. Auditory pyramid in auditory verbal therapy.
4. Promontory stimulation.
5. Fine structure processing strategy.

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