

[LB 0212]

AUGUST 2012

Sub. Code: 2316

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

PAPER VI – PAEDIATRIC AUDIOLOGY

Q.P. Code: 802316

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|--|---|----|----|
| 1. The need for hearing screening in school children and the tests used. | 7 | 20 | 10 |
| 2. The signs/symptoms, screening tests used to assess Central Auditory Processing Disorders in children. | 7 | 20 | 10 |
| 3. Auditory development from 0-2 years. | 7 | 20 | 10 |

II. Write notes on:

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|--|---|----|---|
| 1. Reinforcement audiometry techniques used to assess hearing in infants. | 4 | 10 | 5 |
| 2. Screening for hearing loss using High Risk Register. | 4 | 10 | 5 |
| 3. Auditory Brainstem Response in children. | 4 | 10 | 5 |
| 4. Causes of hearing loss in children. | 4 | 10 | 5 |
| 5. Treacher Collins Syndrome. | 4 | 10 | 5 |
| 6. Signs and symptoms of Functional Hearing Loss and tests to assess it in children. | 4 | 10 | 5 |
| 7. Tympanometry and Acoustic Reflex testing in children with middle ear pathologies. | 4 | 10 | 5 |
| 8. Responses of a fetus to sound stimulus. | 4 | 10 | 5 |

III. Short Answers on:

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|---|---|---|---|
| 1. Hearing loss as a “Handicap”. | 2 | 4 | 3 |
| 2. Speech Recognition Threshold. | 2 | 4 | 3 |
| 3. Noise levels in the Intensive Care Unit. | 2 | 4 | 3 |
| 4. Normal Auditory localization responses noted in a 6 month old infant. | 2 | 4 | 3 |
| 5. Tangible Reinforcement Operant Conditioning Audiometry(TROCA). | 2 | 4 | 3 |
| 6. Binaural Synthesis and Binaural Separation. | 2 | 4 | 3 |
| 7. Use of Ear Canal Physical Volume Test. | 2 | 4 | 3 |
| 8. Oto acoustic emission and Auditory Brainstem Response findings in Auditory Neuropathy. | 2 | 4 | 3 |
| 9. Ear symptoms in a child with Down Syndrome. | 2 | 4 | 3 |
| 10. Neuroplasticity in the brain. | 2 | 4 | 3 |
