

[LB 0212]

AUGUST 2012

Sub. Code: 2314

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

PAPER IV – DIAGNOSTIC AUDIOLOGY

Q.P. Code: 802314

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 test battery approach in Audiological diagnosis for cochlear pathology. Write three pure tone tests you will do for the same. | 7 | 20 | 10 |
| 2. Immittance audiometry & the clinical application of it in case of unilateral neural hearing Loss. | 7 | 20 | 10 |
| 3. Instrumentation, test procedure & factors affecting auditory brainstem responses. | 7 | 20 | 10 |

II. Write notes on:

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| 1. Classification of oto acoustic emissions & measurement of oto acoustic emissions procedures & interpretation of test results. | 4 | 10 | 5 |
| 2. Electrocochleography- its valid usage in differential diagnosis. | 4 | 10 | 5 |
| 3. ANY three dichotic speech tests. | 4 | 10 | 5 |
| 4. Need for speech audiometry. Procedure to obtain speech reception threshold, speech identification score. | 4 | 10 | 5 |
| 5. RECRUITMENT phenomenon, loudness balance tests. | 4 | 10 | 5 |
| 6. Reflexometry and the special tests in reflexometry. | 4 | 10 | 5 |
| 7. Vestibular testing –modern trend in vestibular testing. | 4 | 10 | 5 |
| 8. Variables influencing central auditory assessment. | 4 | 10 | 5 |

III. Short Answers on:

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| 1. Minimal auditory capability test. | 2 | 4 | 3 |
| 2. Test findings in subjects with brainstem lesions. | 2 | 4 | 3 |
| 3. Binaural fusion test. | 2 | 4 | 3 |
| 4. Dichotic speech test of staggered spondaic word test. | 2 | 4 | 3 |
| 5. Lombard test – when do you administer it? | 2 | 4 | 3 |
| 6. Middle latency response and late latency response- their clinical applications. | 2 | 4 | 3 |
| 7. PI-PB function –its usage. | 2 | 4 | 3 |
| 8. Write about social adequacy index. | 2 | 4 | 3 |
| 9. Static immittance and how do gradient/ tympanometric width aid in diagnosis? | 2 | 4 | 3 |
| 10. Brief tone audiometry – specify the current trend in brief tone audiometry. | 2 | 4 | 3 |
