

**B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY  
SECOND YEAR  
PAPER IV – DIAGNOSTIC AUDIOLOGY**

*Q.P. Code: 802314*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. List and explain tests for temporal processing.
2. Explain Principle of Immittance with suitable graphs.
3. Write notes on types of OAE and give its clinical application.

**II. Write notes on:**

**(8 x 5 = 40)**

1. State and explain the tests for adaptation.
2. Justify the need for test battery approach with its advantages and disadvantages.
3. Give the protocol for ABR recording.
4. Write notes on Electronystagmography.
5. Give the clinical application of ECoChG.
6. Write notes on dichotic speech test.
7. Give the clinical application of immittance audiometry.
8. What is articulation index? Give its clinical significance.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Define Central Auditory Processing.
2. List the tests for functional hearing loss.
3. Classify the CAPD tests based on sensitivity to identify the Brainstem and cortical lesions.
4. How will you interpret Multicomponent tympanometry?
5. State the clinical application of ABR.
6. State Stenger's principle.
7. Toynbee procedure for Eustachian tube dysfunction.
8. Mention the special test to identify cochlear pathology.
9. State the factors that affect higher order potentials.
10. When will you perform speech masking? Illustrate with example.

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