

**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. Give the protocol for ABR procedures and give its clinical application.
2. “Middle ear system is a complex system” Justify this statement with the understanding the principle of immittance.
3. List and explain the Dichotic tests for central auditory processing.

II. Write notes on: **(8 x 5 = 40)**

1. Explain the need for test battery approach and its importance in differential diagnosis.
2. Name the audiological tests to rule out Functional hearing loss. Describe the possible results under each test.
3. “Speech audiometry is important diagnostic procedure in audiological evaluation”. Justify the statement with suitable clinical conditions.
4. Describe the procedure and interpretation of Eustachian tube dysfunction.
5. Explain caloric test.
6. Mention the tests of adaptation. Explain their procedure and interpretation.
7. Write notes on types of OAE.
8. List and describe in brief the tests for monaural low redundancy.

III. Short answers on: **(10 x 3 = 30)**

1. Types of tymapanogram give the middle ear pathologies associated with each type.
2. What is tympanometric peak pressure?
3. What is Roll over phenomenon? Mention the formula and criteria for differential diagnosis.
4. Name the special tests that help in differential diagnosis for Retro-cochlear pathology.
5. Mention the clinical application of late latency response potentials.
6. State the subject related factors that affect evoked potentials.
7. What is Lombard effect?
8. Give the clinical application of OAE.
9. Mention the classification for CAPD tests based on the process assessed.
10. Explain speech in noise test.
