

**Q.P. Code: 104389**

**Reg. No.:.....**

**First Semester M.Sc Audiology Degree Regular/Supplementary  
Examinations January 2022**

**A 104: Physiological Assessment of Hearing**

**Time: 3 hrs**

**Max marks: 80**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(5x16=80)**

1. (a) Explain the principles of immittance evaluation  
(b) Explain possible findings of single and multi-component tympanometry in individuals with normal middle ear functioning  
(c) Tympanometry in infants (8+4+4)
2. (a) Explain acoustic and non-acoustic reflex  
(b) Explain reflectometry  
(c) Variables affecting acoustic reflex measurement (4+4+8)
3. (a) Define SOAE, its origin, recording and clinical implications.  
(b) Interpretation of OAEs (8+8)
4. Instrumentation for TEOAE and DPOAE. Factors affecting DPOAE. Describe recent research in OAEs (8+4+4)
5. Discuss assessment and management of patients with dead region. Explain the assessment and management of hyperacusis (8+8)

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