

**Q.P. Code: 104389**

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

**First Semester M.Sc Audiology Degree Regular Examinations  
May 2021**

**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. Explain the Vanhuyse model of multi frequency tympanometry using appropriate diagrams. Write a note on variables affecting tympanometry measurement. Draw a diagram and explain the instrumentation for tympanometry (8+4+4)
2. (a) Explain acoustic reflex adaptation, acoustic reflex latency, reflex averaging and reflex sensitization  
(b) Describe on implications of acoustic reflex testing in differential diagnosis and management (8+8)
3. Origin of OAEs. Write an essay on interpretation of OAEs (8+8)
4. (a) Factors affecting TEOAE  
(b) Implications of OAE in differential diagnosis  
(c) Explain the procedure and precautions for recording OAEs (8+4+4)
5. Discuss the implications of evaluation of tinnitus in rehabilitation  
Explain different methods of assessment of hyperacusis (8+8)

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