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**MASLP 452**

**II Semester M.A.S.L.P. Examination, September/October 2022**  
**AUDITORY PHYSIOLOGY**

Time : 3 Hours

Max. Marks : 80

***Instruction*** : Answer **any five** questions. **All** questions carry **equal** marks.

1. Describe theories of air conduction. **16**
  2. Describe briefly : **(4×4=16)**
    - a) Head shadow effect
    - b) OAE
    - c) Stereocilia
    - d) Cochlear microphonics.
  3. Describe the anatomy and physiology of eustachian tube in humans and its role in auditory system. **16**
  4. Describe the micro anatomy of Cochlea. **16**
  5. Describe the physiology of human balance functions. **16**
  6. Write an essay on neurotransmitters in auditory system. **16**
  7. Describe the anatomy and tonotopic organization of auditory cortex. **16**
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