

**Q.P. Code: 114377**

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

**First Year MASLP Degree Examinations November 2018**

**Auditory Physiology**

**(2016 Scheme)**

**Time: 3 hrs**

**Max marks: 80**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays**

**(5x16=80)**

1. Whether our ability to localize sounds suffer, improve or stay the same, if for some reason we lost our outer ears. Please adequately defend your answer.
2. What is the primary function of the middle ear and what is the main anatomical feature that supports this function.
3. How do hair cells in the cochlea and vestibular apparatus transduce mechanically vibrations into electrical signals
4. Explain the physiology of balance
5. Describe how the auditory system can discriminate between sounds of different frequencies.

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