

**First Year MASLP Degree Examinations, August 2016**

**AUDITORY PHYSIOLOGY**

**Time: 3 Hours**

**Max Marks: 80**

- Answer all questions

**Essay**

**(5x16=80)**

1. Explain the anatomical, physiological and acoustical properties of external ear canal (16)
2. Cochlea is a non-linear device. Discuss. (16)
3. Draw a neat labeled figure to illustrate middle ear structures. Describe the transformer action of middle ear. (8+8)
4. Discuss in detail about neurotransmitters and synapses in auditory system (16)
5. Describe the anatomy and function of efferent pathways (16)

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