

QP Code:104377

Reg.No.:

First Year MASLP Degree Supplementary Examinations February 2017

AUDITORY PHYSIOLOGY

Time: 3 Hours

Max Marks: 80

- Answer all questions

Essay

(5x16=80)

1. Describe the embryological development of external ear and inner ear (16)
2. Explain the role of middle ear in bone conduction mechanism with specific case examples. Describe the acoustic and non-acoustic reflexes (8+8)
3. Discuss the tonotopic organization and binaural representation in auditory cortex (16)
4. Explain the intensity and frequency coding in the auditory nerves (16)
5. Discuss the role of efferent pathways in cochlear physiology and auditory nerve (16)
