

**Third Professional MBBS (Part I) Degree Supplementary Examinations
July 2019**

Oto-Rhino Laryngology

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. A 30 years old female patient presents to the ENT OPD with complaints of gradually progressing hearing loss in both ears, for the past 5 years. She gives history of the hearing loss worsening during pregnancy. On examination, her tympanic membranes are normal. Tuning fork tests show negative rinne in both ears and Weber lateralized to right ear. Answer the following: (1+2+2+3+2)
- What is the most likely diagnosis
 - Mention two relevant investigations and the expected findings in each
 - Mention four differential diagnosis
 - How will you treat this patient
 - Mention four complications of the surgical procedure used to treat this patient.

Short notes: (4x3=12)

2. Etiopathogenesis and clinical features of vocal nodule
3. Aetiopathology of chronic sinusitis with nasal polyposis
4. Ludwig's angina
5. Type II Le fort fracture

Draw and label: (2x2=4)

6. Membranous labyrinth
7. Kiesselbach's plexus

Answer briefly: (5x2=10)

8. Pure tone audiogram and speech audiogram findings in Meniere's disease.
9. Functions of larynx
10. Cardinal signs of acute coalescent mastoiditis
11. Management of post-tonsillectomy reactionary hemorrhage
12. Causes of referred otalgia

Give precise answers: (4x1=4)

13. Laryngeal crepitus
14. One anti-histaminic medication with its per day dosage
15. Functions of cerumen
16. Tympanometry finding in serous otitis media