

OTORHINOLARYNGOLOGY
PAPER – I

Time: 3 hours
Max. Marks:100

ENT/J/19/28/I

Important instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. a) Embryological development of Otic Labyrinth. 3+4+3
b) Anatomy of Jugular foramen & its surgical importance.
c) Anatomy of Dorello's canal and etiopathogenesis of the syndrome associated with it.
2. Clinical features, differential diagnosis and current therapy of Benign Paroxysmal Positional Vertigo (BPPV). 3+4+3
3. Describe the various options to make fenestra during stapes surgery and various prostheses being used with the method of placement. 5+5
4. a) What are the benefits of bilateral cochlear implantation? 4+3+3
b) Indications of cochlear implantation in adults.
c) Recent developments in Auditory Brainstem Implants.
5. Describe the approach to the endolymphatic sac, labyrinthectomy and trans-labyrinthine exposure of the internal auditory canal. 4+3+3
6. a) Write a brief note on Oto-endoscopy. What are the advantages and disadvantages of it? (3+4)+3
b) Management of active squamous chronic otitis media.
7. a) High pressure nervous syndrome in relation to diving. 4+(3+3)
b) Prevention & management of middle ear barotrauma.
8. Describe minimally invasive second-look combined approach tympanoplasty, and newer applications & innovations. 10
9. a) Topodiagnostic evaluation of facial nerve palsy. 6+4
b) Vestibular-Evoked Myogenic Potentials.
10. a) What are various factors for choosing topic for research? 4+3+3
b) What is correlation coefficient?
c) What is impact factor?
