OTORHINOLARYNGOLOGY
PAPER – I

Time: 3 hours   ENT/J/19/28/I
Max. Marks:100

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   3+4+3
    Benign Paroxysmal Positional Vertigo (BPPV).

3. Describe the various options to make fenestra during stapes   5+5
    surgery and various prostheses being used with the method of
    placement.

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   4+3+3
    and trans-labyrinthine exposure of the internal auditory canal.

6. a) Write a brief note on Oto-endoscopy. What are the advantages   (3+4)+3
        and disadvantages of it?
    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   10
    tympanoplasty, and newer applications & innovations.

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?

****