

OTORHINOLARYNGOLOGY

PAPER – I

ENT/J/17/28/I

Time : 3 hours

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) Developmental anatomy of tympanic cavity. 5+3+2
b) Boundaries of Prussack's space.
c) What are the various routes through which epitympanic cholesteatoma extent through this space?
2. a) Principles of impedance audiometry. 3+3+4
b) Stapedial reflex pathway.
c) Clinical applications of impedance audiometry.
3. a) List various landmarks for identification of facial nerve in parotid surgery. 5+5
b) How would you monitor facial nerve during parotid surgery?
4. a) Draw a labeled diagram of Organ of Corti. 3+3+4
b) Function of outer hair cells.
c) Otoacoustic emissions.
5. a) Enumerate the various extracranial abscesses in relation to temporal bone. 2+(3+5)
b) Clinical features and management of acute mastoiditis.
6. a) How do you define sensitivity and specificity of a test? 5+5
b) Describe the most sensitive and most specific test in two clinical conditions in ENT.
7. a) What are problems of mastoid cavity? 4+6
b) Indications and material used to obliterate mastoid cavity.
8. a) Surgical anatomy of internal auditory canal. 4+6
b) Various surgical approaches to internal auditory canal.

P.T.O.

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9. a) Define tinnitus. 1+3+3+3
b) Pathophysiology of tinnitus.
c) How would you manage such a case?
d) Tinnitus Retraining Therapy.
10. Using suitable examples/illustrations, describe the following: 4+2+2+2
a) Pure tone audiograms
b) ABLB test
c) SISI
d) Tone decay test
