

OTORHINOLARYNGOLOGY

PAPER – I

ENT/APRIL/16/28/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) Embryology of external and middle ear. 6+4
b) Congenital anomalies of external and middle ear.
2. a) Define stapedial reflex and describe its pathway. (3+3)+4
b) How does it help the ENT surgeon in audiological assessment of deafness?
3. a) Anatomy of Eustachian tube. 6+4
b) How would you evaluate its function?
4. a) What are hearing aids? 2+4+4
b) Classify different types of hearing aids.
c) What are the factors which influence prescribing the hearing aids?
5. a) Enumerate the causes of pain in ear (otalgia). 5+5
b) How would you manage a case of otitis externa?
6. a) Define otoacoustic emission. 2+8
b) Origin, method of testing and clinical importance of otoacoustic emission.
7. a) What are the risk factors for hearing problems in a newborn? 5+5
b) How would you screen these newborn babies for hearing?
8. a) Intra-temporal anatomy of facial nerve. 5+5
b) What are the topodiagnostic tests used for facial nerve palsy?
9. a) Pathophysiology of nystagmus. 5+5
b) What are the tests for evaluation of BPPV and how would you manage it?
10. a) What is otitic barotrauma? 3+3+4
b) How can this be prevented?
c) How will you manage otitic barotrauma?
