

OTORHINOLARYNGOLOGY
PAPER-I

TIME: 3 HOURS

ENT/J/20/28/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:

- Describe Bias in medical research. 5+5
 - What steps can you take while formulating a study to remove/reduce various Bias?
- Describe the applied anatomy and physiology of acoustic reflex. 5+5
 - Discuss two clinical scenarios where acoustic reflex makes significant contribution to decision making.
- Describe the microstructure of Cochlea. 5+5
 - Discuss the homeostasis of intracochlear fluids.
- Enumerate the causes of congenital deafness. 4+6
 - How would you evaluate a deaf child?
- Enumerate the causes of conductive hearing loss with intact tympanic membrane. 4+6
 - Describe clinical features and management of congenital cholesteatoma.
- Describe the calculation of percentage of hearing loss for the purpose of disability certification. 5+5
 - Discuss the role of tuning forks in diagnosing malingering.
- Describe the grading systems for facial nerve palsy. 5+5
 - Discuss the management of a case of facial palsy in a patient of chronic otitis media (squamosal).
- Discuss the surgical anatomy in relation to the Posterior Tympanotomy approach and the uses of this approach. 5+5
 - Describe the candidacy criteria for cochlear implant surgery.
- Discuss the comparative position of endoscopic ear surgery and microscopic ear surgery. 5+5
 - Discuss the role of endoscopes in lateral skull base surgery.
- Discuss the physiological basis and uses of VEMP. 5+5
 - Discuss the differentiating points in history and clinical examination between central and peripheral vertigo.
