

**OTORHINOLARYNGOLOGY**  
**PAPER-IV**TIME: 3 HOURS  
MAX. MARKS: 100

ENT/D/19/28/IV

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part "A" and part "B", each part containing 5 questions.
- Answers to questions of part A and part B are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets of Part A and Part B are not to be tagged together.
- Part A and Part B should be mentioned only on the covering page of the respective answer sheets.
- 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:****PART A**

1. a) Microbiologic and radiological investigation for head and neck infections. 5+5  
b) Describe principles & agents of choice for antimicrobial therapy for head and neck infection.
2. a) Facial reanimation surgery. 5+5  
b) Use of botulinum toxin in treatment of ageing face.
3. Discuss investigation & various surgical modalities for tracheal stenosis. 4+6
4. a) Describe different type of stem cells. 4+6  
b) Elaborate its applications in otorhinolaryngology.
5. a) Principles and mechanisms of PET scan. 4+6  
b) Indications and importance of PET scan in head and neck cancer.

P.T.O