

**OTORHINOLARYNGOLOGY**

PAPER – II

ENT/APRIL/16/28/II

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 paranasal sinuses and nose. 7+3  
b) What are the congenital anomalies of the nose?
2. a) Define nasal valve. 2+8  
b) What are the surgical options to improve the airway in nasal valve obstruction?
3. a) Fractures of NOE (Naso Orbital Ethmoid) region. 5+5  
b) How would you manage such a case?
4. a) What are the causes of epistaxis in a young adult? 5+5  
b) Technique of ESPAL (Endoscopic Sphenopalatine Artery Ligation).
5. a) What is superior orbital fissure syndrome? 3+7  
b) Causes of superior orbital fissure syndrome.
6. a) Define sleep apnea syndrome. 2+2+6  
b) Enumerate the causes of Sleep Apnea Syndrome.  
c) How would you differentiate between simple snoring and obstruction Sleep Apnea?
7. a) Clinical features of mucor mycosis. 6+4  
b) Role of Amphotericin-B in its treatment.
8. a) What are the indications for endoscopic optic nerve decompression? 4+6  
b) What are the steps in such a case?
9. a) What are the ENT causes of proptosis? 6+4  
b) How would you manage a case of mucocoele of ethmoid sinus?
10. Indications, principles and surgical technique of external rhinoplasty. 3+3+4

\*\*\*\*\*