

OTORHINOLARYNGOLOGY

PAPER - IV

ENT/D/13/28/IV

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.

1. Describe five main drugs used in acute vestibular crisis mentioning their dose, side effects and contraindications. 2+2+2+2+2
2. Briefly describe the aetiopathogenesis and management of oropharyngeal candidiasis. Write a brief note on prophylaxis for oropharyngeal candidiasis. (3+4)+3
3. Discuss in brief the aetiopathogenesis, evaluation and management of acute paediatric upper airway obstructions. 3+3+4
4. Briefly describe the anomalous vascular malformations responsible for Tracheo-oesophageal symptoms and their management. 5+5
5. Describe with illustrations surgical anatomy of pterygopalatine fossa. What are the surgical approaches to pterygopalatine fossa? 8+2
6. Classify ototoxic agents and discuss briefly their mechanism of ototoxicity. 5+5
7. Discuss the middle ear transformer mechanics in the physiology of hearing. Briefly discuss electro-cochleography and its applications. 5+5
8. Describe with illustrations mucociliary transport/clearance pathways of nose and paranasal sinuses. 6+4
9. Enumerate the platinum based chemotherapeutic agents used in the treatment of squamous cell cancers of Head and Neck. Give a brief account of their mechanism of action, dosage and adverse effects. 2+(3+2+3)
10. What are the recent developments in radiation therapy for Head and Neck Malignancies? Briefly discuss Radiosensitizers and Radioprotective agents. 6+2+2