OTORHINOLARYNGOLOGY

PAPER- I

Time: 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. Enumerate various radiosurgery techniques. Outline their principles and uses. 4+6

2. Define angioneurotic oedema. Classify and give brief account of each. How would you manage it? 2+5+3

3. Define radio-sensitizers. Enumerate them with their mode of action. 3+7

4. What is MRSA? What are hospital safety measures for its prevention? What is its management in a patient? 2+5+3

5. What is robotic surgery? Describe its principles and uses in ENT. 4+4+2

6. Define AIDS. What are the modes of its transmission? Enumerate measures for post exposure management particularly in medical personnel. 1+2+7

7. What are the mechanisms of fracture of mandible? Give its clinical features, specific investigations and management. 3+(2+2+3)

8. Enumerate causes of stridor in a 2 year old child. How would you manage pharyngo-laryngeal diphtheria? 4+6

9. What is ‘gene therapy’? Discuss its role in ENT. 2+8

10. What is acid-base balance & its basics? How will you manage a suspected case of respiratory acidosis? (2+2)+6

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POSSESSION USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL
Attempt all questions in order.
Each question carries 10 marks.

1. What is the protocol for assessment of suspected hearing impaired infant? Outline options with advantages and drawbacks for the management of a hearing impaired school going child.

2. Enumerate causes of odynophagia. Outline management of a patient with stage II oropharyngeal malignancy.

3. Enumerate causes of proptosis related to ENT. Outline investigations and management of such a case due to nasopharyngeal angiofibroma.


5. Define vasomotor rhinitis. What are its diagnostic steps and management?

6. What is laryngo-pharyngeal reflux? Outline its investigative protocol and management.

7. Briefly describe significance of Reinke's space, preepiglottic and paraglottic space in spread of laryngeal cancer.

8. Describe briefly pathogenesis, clinical features and management of lethal midline granuloma.

9. Classify temporal bone fractures, their clinical manifestations and management.


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OTORHINOLARYNGOLOGY
PAPER-III

Time: 3 hours
Max. Marks: 100

Attempt all questions in order.
Each question carries 10 marks.

1. Discuss briefly principles and complications of supraomohyoid neck dissection. 6+4
2. Discuss briefly anterior cricoid split, cricotracheal resection and laryngotracheal reconstruction in subglottic stenosis. 2+4+4
3. Describe branchial arch fistulae and sinuses. Discuss their management. 4+6
4. Describe briefly etiopathogenesis and role of surgical options for atrophic rhinitis. Add a role on Slavic facies. 4+4+2
5. Describe the pathogenesis of acquired cholesteatoma and its mechanism in bone resorption. 3+4+3
6. What are middle ear implants? Briefly describe their mechanism, indications and limitations. 3+(3+2+2)
7. Describe briefly velopharyngeal insufficiency and its surgical management. 4+6
8. Describe pathophysiology of obstructive sleep apnoea and Epworth Sleepiness Scale. 6+4
9. Outline pre-surgical evaluation for rhinoplasty. Briefly describe various techniques and their complications. 3+(4+3)
10. Describe briefly aetiology, diagnosis and management options for relapsing polychondritis. 2+4+4

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1. What are the elements of nasal secretions? Describe the composition of mucus.  

2. Describe anatomy of jugular foramen. What are the diseases which affect it?  

3. Enumerate vestibular function tests performed in evaluating vertigo. Describe the ‘Head Thrust Test’ and its importance.  

4. Describe the anatomy of infratemporal fossa and its surgical approaches.  

5. Describe the anatomy of lateral wall of nose. What are the principles of Functional Endoscopic Sinus Surgery?  

6. Describe the physiology of deglutition.  

7. What is Riolan’s bouquet? Enumerate the tumors originating in the parapharyngeal space and describe the approaches to this space.  

8. Describe Hypothalamic-Pituitary-Thyroid complex for regulation of Thyroid function.  

9. Enumerate the branches of each division of Trigeminal nerve and the structures they innervate. Describe briefly corneal reflex.  

10. What are the theories of olfaction? What are primary odours, presbyosmia and cacosmia? What is electronic nose?  

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