OTORHINOLARYNGOLOGY

PAPER -I

Time : 3 hours
Max. Marks : 100

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

1. What are the manifestations of xylocaine toxicity and how do you manage them. How do you give local anesthesia for intranasal surgeries? 6+4

2. Describe the scope of Computer Aided Surgery (CAS) and its application in ENT. 4+6

3. What are the various LASER and their uses in ENT practice? 10

4. What is the basic principle of gene therapy? Describe briefly somatic gene therapy in ENT. 4+6

5. How will you perform salivary endoscopy? What are its indications and complications? 10

6. Discuss the evaluation of Obstructive Sleep Apnoea (OSA). 10

7. Describe Total Parenteral Nutrition (TPN) and its complications. 10

8. What is gamma knife therapy? Describe its role in ENT and head and neck surgery. 10

9. What are the various causes of chronic aspiration? How do we manage it? 3+7

10. What are the various manifestations of noise pollution? What are the preventive measures used to reduce the impact on hearing? 4+6

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POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.
OTORHINOLARYNGOLOGY

PAPER -II

Time : 3 hours
Max. Marks : 100

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

1. Describe the etiopathogenesis and management of Herpes Zoster oticus. 10

2. Define oral submucosal fibrosis. Describe its clinical staging, clinical features and management. 2+(4+2+2)

3. What are the complications of adeno-tonsillar infections and adeno-tonsillectomy? 5+5

4. What are ARIA diagnostic categories of allergic rhinitis? What are the drugs associated with drug induced rhinitis. Outline treatment plan for allergic rhinitis. 4+3+3

5. Mention the genetics and clinical features for Branchio-oto-renal syndrome. 3+7

6. Enumerate post laryngectomy voice rehabilitation methods and describe tracheo-esophageal puncture technique. 4+6

7. Define tinnitus. Discuss its investigation and treatment plan. 2+(4+4)

8. How will you work up a potential case for cochlear implant surgery? 10

9. Define presbyacusis. Discuss in brief its various clinical varieties. Enumerate pathological changes in metabolic presbyacusis. 2+4+4

10. Discuss the differential diagnosis of a nasal mass in a young child. How will you work up such a case? 5+5

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OTORHINOLARYNGOLOGY

PAPER -III

Time : 3 hours
Max. Marks : 100

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

1. Describe the landmarks used to identify facial nerve in parotid surgery. What is House Brackmann’s classification? 10

2. Enumerate the various options for mandibular reconstructions. What are the advantages and disadvantages of free fibular graft? 10

3. Describe emergency management in Acute Corrosive Poisoning with special emphasis on airway management and to prevent long-term sequelae. 10

4. Describe etiopathogenesis of branchial cyst and its management. 10

5. What are the various types of spasmodic dysphonia? How will you manage a case of adductor dysphonia? 10

6. Describe contact laryngoscopy. 10

7. Discuss the classification and etiopathogenesis of nasopharyngeal carcinoma. 10

8. Enumerate the causes of stridor in children. Briefly describe the recurrent respiratory papillomatosis and its treatment. 10

9. Classify and give outline of nasal fractures. 10

10. Define otitis media with effusion (OME). Discuss its etiopathogenesis and treatment guidelines. 10

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OTORHINOLARYNGOLOGY

PAPER -IV

ENT/J/13/28/IV

Time : 3 hours
Max. Marks : 100

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

1. Describe the intrinsic pathway of coagulation. How will you diagnose and manage Disseminated Intravascular Coagulation (DIC). 10
2. Describe the anatomy of jugular foramen. 10
3. Describe the various surgical wounds and discuss wound healing. 10
4. Describe laryngeal innervation and support your answer with neat labeled diagrams. 10
5. Describe briefly video laryngeal stroboscopy and patterns of wave motion and its uses. 5+3+2
6. What is nasal cycle? Describe ways to measure nasal resistance. 4+6
7. Discuss the classification of nasopharyngeal angiofibroma and describe the various pathways of its extension. 10
8. Classify thyroid neoplasms. Discuss the role of radioactive iodine in the management of thyroid carcinoma. 10
9. Discuss various manifestations of Ebstein Barr (EB) virus infections in ENT and head and neck. 10
10. Describe right main bronchus and bronchopulmonary segments with their clinical importance. 10

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