

OTORHINOLARYNGOLOGY (ENT)

PAPER – I

Time : 3 hours
Max. Marks : 100

ENT/D/10/28/1

Attempt all questions in order.
Each question carries 10 marks

- 1 Define thyroid storm. Outline its aetiopathology and clinical features. How will you manage a patient presenting in a thyroid storm. 10
- 2 What is angioneurotic oedema. Classify it on a pathologic basis. Outline the management of a case with allergic angioneurotic oedema. 10
- 3 Discuss the role of viruses and antiviral vaccines in head and neck malignancy. 5+5
- 4 Define 'Parenteral Fluid Therapy'. Enumerate main components & their role. Enumerate complications of such therapy. 2+5+3
- 5 Describe 'Flap transposition' in head and neck surgery. Enumerate factors affecting skin flap survival and measures to improve flap survival. 3+3+4
- 6 Discuss the physiological basis, indications and future trends in organ preservation surgeries in ENT. 10
- 7 Methicillin-Resistant Staphylococcus aureus infection: Outline the hospital safety measures to prevent it. How will you manage a patient with this infection? 5+5
- 8 What do you understand by "Fractionated & Hyper-fractionated" Radiotherapy? Outline their advantages and problems. 4+3+3
- 9 Describe the ENT manifestations of Gastro-oesophageal Reflux Disease (GERD). Write briefly about the evaluation and treatment of GERD. 3+3+4
- 10 Enumerate the techniques used for sterilization of operative instrument. Describe and outline advantages and disadvantages of any two techniques. 4+3+3

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PAPER – II

Time : 3 hours
Max. Marks : 100

ENT/D/10/28/2

Attempt all questions in order.
Each question carries 10 marks

- 1 Enumerate indications for use of 'Bone Anchored Hearing Aids'. Describe its surgical technique. 3+7
- 2 What is allergic fungal rhinosinusitis? How will you manage a case presenting to you? 4+6
- 3 What are the predictors of outcome benefits of a cochlear implant? Discuss the role of age in it. 4+6
- 4 What is malignant otitis externa? How will you investigate and treat a case of malignant otitis externa? 3+3+4
- 5 What is the physiological basis of 'Vestibular Rehabilitation Therapy'? Outline the principles of undertaking this therapy. 5+5
- 6 Classify paragangliomas in head and neck region. How do you diagnose and manage this condition? 2+4+4
- 7 Discuss the clinical features and management of corrosive injury of aero-digestive tract. 5+5
- 8 Enumerate causes of subglottic stenosis. Give Cotton and Myer's classification. Outline the principles of management of subglottic stenosis. 3+3+4
- 9 Classify types of CSF rhinorrhoea. How will you investigate a case presenting to you? 4+6
- 10 Classify nasopharyngeal angiofibroma. Describe mid-facial degloving surgical technique. 4+6

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PAPER – III

Time : 3 hours
Max. Marks : 100

ENT/D/10/28/3

Attempt all questions in order.
Each question carries 10 marks

- 1 What is Epworths Sleepiness Scale? What are the surgical options available for management of Obstructive Sleep Apnoea Syndrome? 10
- 2 Describe aetiopathogenesis and surgical management of parapharyngeal abscess. 4+6
- 3 Enumerate complications of Endoscopic Sinus Surgery. Describe in detail any two complications. 4+3+3
- 4 Classify neck dissections. How will you manage chylous leak after radical neck dissection? 4+6
- 5 Outline the principles for management of Glottic malignancies in relation to its staging. (Do not give details of any surgical procedures). 10
- 6 Enumerate benign and malignant lesions of salivary glands. How will you manage pleomorphic adenoma of deep lobe of parotid gland? 4+6
- 7 What is Rhinoscleroma? Describe the various stages and histopathological features of rhinoscleroma. 10
- 8 What are the surgical options available for otosclerosis. Enumerate the potential complications in any one of these modalities. 6+4
- 9 Classify cholesteatoma. Discuss the principles of spread of disease due to cholesteatoma. 10
- 10 Describe pathology and types of fibrous dysplasia and outline its management. 3+3+4

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PAPER – IV

Time : 3 hours
Max. Marks : 100

ENT/D/10/28/4

Attempt all questions in order.
Each question carries 10 marks

- 1 Outline the preparation of a patient and the technique of local anesthesia for a tympanoplasty. Supplement your answer with a diagrammatic representation. Enumerate possible complications of local anesthesia. 2+3+2+3
- 2 Discuss "Anterior Rhinomanometry". Enumerate other methods for assessment of nasal airway resistance. 7+3
- 3 Outline the anatomy of "Deep Cervical Fascia". Supplement your answer with a diagram. 7+3
- 4 What are Oto Acoustic Emissions (OAE)? What are the uses of OAE in clinical practice? 3+7
- 5 How will you identify the facial nerve during a parotidectomy? 10
- 6 Describe the productions and regulatory mechanism of inner ear fluids. 10
- 7 What is the role of the 'Parathyroid glands'? How will you diagnose and manage a case of Hypoparathyroidism? 5+2+3
- 8 Describe the retro-molar trigone and its surgical importance. 6+4
- 9 Give a diagrammatic depiction of the anatomy of middle ear mucosal folds. Discuss their clinical importance. 5+5
- 10 Describe the anatomy of the osteomeatal complex of the nose. Supplement your answer with a diagram. 7+3