

**POST GRADUATE EXAMINATION, JUNE - 2023**

**MS OTORHINOLARYNGOLOGY (ENT)**

**(PAPER ONE)**

**BASIC SCIENCES & AUDIOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Describe surgical anatomy of Facial nerve and its branches. What are landmarks for identifying facial nerve during canal wall down mastoidectomy. Draw suitable diagrams. **(20)**

**Q. 2.** Describe the mechanism of phonation. Describe anatomy of true vocal cords. Enumerate tests to evaluate voice. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Enumerate Branches of External carotid artery. Draw diagram.
- b. Anatomy of parapharyngeal space.
- c. Endoscopic anatomy of lateral wall of nose

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Acoustic trauma
- b. Differences in Eustachian tube in adult and children.
- c. Anterior and posterior ethmoidal artery
- d. BERA
- e. Differences between nystagmus of peripheral and nystagmus of central vertigo

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**MS OTORHINOLARYNGOLOGY (ENT)**

**(PAPER TWO)**

**PRINCIPLES & PRACTICE OF OTORHINOLARYNGOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Describe pathophysiology of Ca larynx. Describe clinical feature and management of supraglottic carcinoma as per TNM staging. **(20)**

**Q. 2.** Describe the etiopathogenesis of cholesteatoma, its clinical features and management. Enumerate red flag signs indicating complications of CSOM. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Enumerate various types of neck dissections.
- b. Caldwell luc approach and its indications.
- c. Granulomatous lesion of nose

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Work up before rhinoplasty
- b. Spread of infection from danger area of face to cavernous sinus
- c. Thyroglossal cyst
- d. Clinical features of longitudinal temporal bone fracture.
- e. Role of USG in thyroid swelling

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**MS OTORHINOLARYNGOLOGY (ENT)**

**(PAPER THREE)**

**PATHOLOGY & OPERATIVE OTORHINOLARYNGOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Define FESS. Enumerate various techniques of doing FESS. Describe indications and complications of FESS. **(20)**

**Q. 2.** Describe etiopathogenesis, signs, symptoms, clinical features and management of Meniere's disease. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Investigations in case of dysphagia
- b. Care of tracheostomised patient in the ward
- c. Clinical features and management of pleomorphic adenoma of parotid gland

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Eagle's syndrome.
- b. Acute epiglottitis.
- c. Laryngeal papilloma
- d. Septal haematoma its management and complication
- e. Principle of ryle's tube feeding

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**MS OTORHINOLARYNGOLOGY (ENT)  
(PAPER FOUR)**

**RECENT ADVANCES AND GENERAL SURGICAL PRINCIPLES**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Enumerate various deep neck space abscesses. Describe etiopathogenesis, clinical features and management of Ludwig's angina. **(20)**

**Q. 2.** Define tympanoplasty. Describe its indications and various types. Enlist various allografts and artificial materials used in reconstruction of middle ear conductive mechanism. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Compare Microscopic ear surgery with endoscopic ear surgery.
- b. Sinonasal mucormycosis.
- c. CO<sub>2</sub> Laser in ENT

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Ishiki's type 1 thyroplasty
- b. Sclerotherapy in ENT
- c. VNG
- d. Endoscopic DCR
- e. Pharmacotherapy for vertigo.

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