

**POST GRADUATE EXAMINATION, MAY- 2020**

**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.** Discuss physiology of sound conduction in middle ear. Discuss the principles of tympanoplasty procedures with regards to the physiology of sound conduction. **(20)**

**Q. 2.** Describe surgical anatomy of nasopharynx. What are various surgical approaches to nasopharynx. **(20)**

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

- a. Osteomeatal complex in middle meatus
- b. Spaces of larynx
- c. Killian's defiscence

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

- a. Passavant's ridge
- b. BERA
- c. Tympanometry
- d. Artificial larynx
- e. Congenital anamolies of middle ear

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**POST GRADUATE EXAMINATION, MAY- 2020**

**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.** Discuss the clinical features and surgical management of otosclerosis. **(20)**

**Q. 2.** Discuss aetiopathogenesis, clinical features and management of carcinoma of maxilla. **(20)**

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

- a. Ototoxic drugs
- b. Recent concepts of etiology of sudden SNHL and its management
- c. Complications of thyroid surgery

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

- a. Optic nerve decompression
- b. Modified neck dissection
- c. Chylous fistula
- d. Hearing aids
- e. AFRS

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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.** Enumerate causes and write the treatment of obstructive sleep apnoea syndrome. **(20)**

**Q. 2.** What is current AJCC classification for carcinoma larynx? How will you manage T<sub>3</sub>N<sub>0</sub>M<sub>1</sub> glottic cancer? **(20)**

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

- a. Approach to frontal recess
- b. Surgical management of CSF rhinorrhea
- c. Posterior tympanotomy

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

- a. Pneumatization of sphenoid sinus
- b. Percutaneous tracheostomy
- c. Microdebrider in ENT
- d. Sialoendoscopy
- e. Malignant otitis externa

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**POST GRADUATE EXAMINATION, MAY- 2020**

**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.** Discuss evaluation for candidacy, technique and rehabilitation for cochlear implantation. **(20)**

**Q. 2.** Describe the indications and surgical technique of total laryngectomy and types of laryngeal prosthesis for rehabilitation of voice in post laryngectomy patients. **(20)**

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

- a. Microvascular flaps in malignancies of head and neck
- b. Principles of PET and use of FDG-PET scan in head-neck cancer
- c. Contact endoscopy

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

- a. Photodynamic therapy in otorhinolaryngology
- b. Balloon sinuplasty
- c. Phonosurgery
- d. Videonystagmography (VNG)
- e. Follow up of patient after total thyroidectomy for thyroid malignancy

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