

POST GRADUATE EXAMINATION, APRIL/MAY-2022

**MS OTORHINOLARYNGOLOGY (E.N.T.)
(PAPER ONE)**

BASIC SCIENCES & AUDIOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Draw a labeled diagram of Organ of Corti. Describe the impedance transformer action of the middle ear. Briefly describe the role of middle ear muscles. **(20)**

Q. 2. Describe anatomy of the parapharyngeal space. Common space occupying lesions encountered in this space. Write in brief about the clinical features and various surgical approaches for parapharyngeal tumours. **(20)**

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

- a. Physiology of deglutition.
- b. External carotid artery
- c. Physiology of phonation

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

- a. Drainage pattern of paranasal sinuses
- b. Middle ear spaces
- c. Noise pollution
- d. Physiology of major salivary glands.
- e. Mucocillary clearance of Paranasal sinus

X

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**MS OTORHINOLARYNGOLOGY (E.N.T.)
(PAPER TWO)**

PRINCIPLES & PRACTICE OF OTORHINOLARYNGOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss aetiology, clinical features, investigations and management of Nasopharyngeal Angiofibroma. **(20)**

Q. 2. Discuss etiopathogenesis, diagnosis and management of sudden sensorineural hearing loss. **(20)**

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

- a. Retropharyngeal abscess
- b. TNM staging of supraglottic carcinoma
- c. Pharyngeal pouch

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

- a. Tubercular laryngitis
- b. Role of CT in head and neck malignancy
- c. Laryngocele
- d. Candidacy criteria for cochlear implant
- e. Labyrinthine fistula

X

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MS OTORHINOLARYNGOLOGY (E.N.T.)

(PAPER THREE)

PATHOLOGY & OPERATIVE OTORHINOLARYNGOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe in detail the evaluation of a deaf-mute child. Discuss the various methods of rehabilitation. **(20)**

Q. 2. Describe the surgical steps of endoscopic sinus surgery and major and minor complications of FESS. **(20)**

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

- a. Management of Otosclerosis and surgical steps of stapedotomy.
- b. How will you manage pharyngocutaneous fistula after total laryngectomy?
- c. Premalignant lesions of oral cavity and aetiology of oral cavity carcinoma

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

- a. Types of osteotomies in Rhinoplasty
- b. Role of Functional MRI and Polysomnography in OSA
- c. Branchial cleft anomalies
- d. Superficial parotidectomy
- e. Percutaneous tracheostomy

X

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MS OTORHINOLARYNGOLOGY (E.N.T.)

(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.** Lasers in ENT- Principle, various types of Lasers and pitfalls of Laser surgery. **(20)**
- Q. 2.** Discuss etiology of carcinoma oral tongue, clinical features, TNM classification and treatment modalities. **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- a. Laryngeal trauma and its management
 - b. Cobalation in ENT
 - c. Dysphagia and dementia in ENT
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- a. Management of hypovolemic shock
 - b. AIDS manifestation in ENT
 - c. Congenital cholesteatoma
 - d. Orbital decompression
 - e. Surgical landmarks of Facial nerve in mastoid surgery

X