

POST GRADUATE EXAMINATION, APRIL - 2019
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 the embryology and anatomy of thyroid gland and surgical landmarks for identification of superior, recurrent laryngeal nerve and parathyroid glands. (20)
- Q. 2.** Describe in detail the endoscopic anatomy of lateral wall of nose. Discuss the various type of pneumatization of sphenoid sinus. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- Anatomy and surgical importance of external carotid artery
 - Draw labelled diagram of important deep neck spaces
 - BERA
- Q. 4. Write short notes on:** (5 x 6 = 30)
- Hearing aids
 - Factors effecting wound healing
 - Middle ear spaces
 - Eustachian tube function test
 - Transformer action of middle ear

X

POST GRADUATE EXAMINATION, APRIL - 2019

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 differential diagnosis of cerebello-pontine angle tumours. Describe the management of vestibular schwannoma. (20)

Q. 2. Discuss clinical features, etiopathogenesis and management of sudden sensori-neural hearing loss. (20)

Q. 3. Describe briefly: (3 x 10 = 30)
a. Reinke's oedema
b. Osteomyelitis of maxilla
c. Workup of solitary thyroid nodule

Q. 4. Write short notes on: (5 x 6 = 30)
a. Iatrogenic facial nerve palsy
b. Aural atresia
c. Management of B.P.P.V.
d. Perilymph fistula
e. Left vocal cord palsy

X

POST GRADUATE EXAMINATION, APRIL - 2019
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.** Discuss pathogenesis, clinical presentations and management of fungal rhino-sinusitis. (20)
- Q. 2.** Describe Staging of glottis carcinoma with management of T₃ N₁M₀ glottis carcinoma and types of laryngeal prosthesis for rehabilitation of voice in post-laryngectomy patients. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- Surgical approaches in management of juvenile nasopharyngeal angiofibroma
 - Procedures / measures for immediate airway management
 - Common complications encountered during FESS and the predisposing factors for these complications
- Q. 4. Write short notes on:** (5 x 6 = 30)
- Types of osteotomies in rhinoplasty
 - Thyroplasty
 - Superficial parotidectomy
 - TESPAL
 - Pharmacotherapy for vertigo

X

POST GRADUATE EXAMINATION, APRIL - 2019

**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 biomaterials in otology. **(20)**

Q. 2. Discuss sialoendoscopy in the management of salivary gland diseases. **(20)**

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

- a. Rhino-manometry
- b. Management of recurrent respiratory papillomatosis
- c. Trans-tympanic medical therapy for otological diseases

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

- a. Topodiagnostic tests for facial nerve function
- b. Cranial nerve monitoring in ENT
- c. Role of platelet rich plasma (PRP) in otology
- d. Role of gastroesophageal reflux disease in ENT
- e. Extracorporeal septoplasty

X