

POST GRADUATE EXAMINATION, MAY - 2018

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 anatomy and ultra structure of inner ear. Discuss various theories of hearing. (20)
- Q. 2.** State principles of radiotherapy in head and neck cancers. What are the different modalities of radiotherapy used? (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- Surgical anatomy of base of skull
  - Boundaries, content and applied anatomy of pterygopalatine fossa
  - MRI in ENT
- Q. 4. Write short notes on:** (5 x 6 = 30)
- PET scan
  - Physiology of equilibrium
  - Hearing aids
  - Spaces of larynx
  - Biomaterials in ENT

X

**POST GRADUATE EXAMINATION, MAY - 2018**  
**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 the mechanism and management of facio-maxillary injuries. (20)
- Q. 2.** Discuss pros and cons of various treatment options in advanced laryngeal cancer. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Surgical management of facial nerve palsy
  - b. Cerebrospinal fluid rhinorrhoea
  - c. Ototoxicity
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Parathyroid adenoma
  - b. Posturography
  - c. Necrotizing otitis externa
  - d. Spasmodic dysphonia
  - e. Vestibular habituation training

X

POST GRADUATE EXAMINATION, MAY - 2018

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. How will you assess hearing in infants? Describe the management of hearing impaired infant. (20)
- Q. 2. Discuss the management of nasopharyngeal angiofibroma. (20)
- Q. 3. Describe briefly: (3 x 10 = 30)
- IMRT and care of patient during radiotherapy
  - Complications of radical neck dissection
  - Mastoid obliteration techniques.
- Q. 4. Write short notes on: (5 x 6 = 30)
- Bone Anchored Hearing Aid (BAHA)
  - Pectoralis major flap
  - Endoscopic DCR
  - Skull base osteomyelitis
  - Cochlear echos

X

**POST GRADUATE EXAMINATION, MAY - 2018**  
**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.** Describe the surgical steps of endoscopic sinus surgery and major and minor complications of FESS. (20)
- Q. 2.** Lasers in ENT- Principle, various types of lasers and pitfalls of laser surgery. What special precautions should be taken during surgery? (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Microvascular flaps in malignancies of head and neck.
  - b. Indications and work up for cochlear implant patient.
  - c. Evaluation of solitary thyroid nodule
- 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

X