

**5573****M. S. Examination, 2010****E. N. T.****Paper - I****(Basic Sciences)**

Time : Three Hours ]

Maximum Marks :100

**Note:-** Attempt all questions.

1. Describe transformer mechanism of middle ear.  
Discuss diagnosis and management of conductive hearing loss. 30
2. Briefly describe following: 40
  - (a) Intratemporal course of facial nerve
  - (b) Osteomeatal complex
  - (c) Rinke's space
3. Write short notes on: 30
  - (a) Saliva
  - (b) Barrett's oesophagus
  - (c) bronchopulmonary segments

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2. Describe the role of genes in deafness. Briefly describe any **three syndromic** deafness. 25
3. Describe pathology, clinical features and management of the fungal infections of nose and paranasal sinuses. 25

5574

**M. S. EXAMINATION, 2010**

E. N. T.

Paper - II

Time : Three Hours ]

[ Maximum Marks : 100

**Note:-** Attempt all questions.

1. Write short notes on : 50
  - (a) Intensity-modulated radiotherapy and its application in head and neck.
  - (b) Induction chemotherapy.
  - (c) Aetiopathology and geographical distribution of cancer nasopharynx.
  - (d) Hypersensitivity reaction in allergic rhinitis.
  - (e) Selective neck dissection.

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M. S. Examination, 2010

E. N. T.

Paper - IV

(Recent Advances)

Time : Three Hours ]

Maximum Marks :100

Note:- Answer all questions.

1. Discuss the advantages and disadvantages of using otoendoscopes and otomicroscopes for ear surgery. 30
2. Discuss different surgical tools available for surgery in Oropharynx. 30
3. Write short notes on: 10 marks each
  - (a) Role of immuno-histochemistry in diagnosis of Juvenile Nasopharyngeal Angiofibroma.
  - (b) Brainstem implant.
  - (c) Virtual tracheo Bronchoscopy.
  - (d) Epistaxis cannula.

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4479

**M. S. Examination, 2011**

**Paper - I**

**(Basic Sciences as related to Ear, Nose  
and Throat diseases)**

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** (i) Attempt all questions.

(ii) All questions carry equal marks.

1. Describe the structure of larynx including its three tier mechanisms. Add a note on its clinical applications.
2. Discuss the middle ear spaces.
3. What is osteo-metal complex? Explain its role in endoscopic sinus surgery.
4. Describe pathway of olfaction. Comment on theories of olfaction.
5. Write about types of hearing loss and thier evaluation.

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6. Discuss the anomalies associated with development of IIInd branchial arch.
7. Discuss the theories of bone conduction.
8. Enumerate the anomalies of the pinna.
9. Discuss the causes of labrynthine dysfunctions.
10. Discuss the diagnostic approach to a patient with vertigo.

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4480

**M. S. Examination, 2011**

**Paper - II**

**(Principles and Practice of Ear, Nose and  
Throat Diseases)**

Time : Three Hours ] [ Maximum Marks : 100

Note :- (i) Attempt all questions.

(ii) Answer each question and its parts in sequential order. All questions carry equal marks.

1. Discuss angiofibroma and its complications.
2. Discuss Meniere's disease.
3. Discuss the clinical evaluation of a patient with facial pain.
4. Outline the basis of TNM classification of supraglottic carcinoma and discuss its management about its.

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5. Discuss carcinoma larynx and its management.
6. Discuss the pathogenesis and management of migrainous neuralgia.
7. What is noise induced hearing loss and write about its management.
8. Write about the causes of necrotizing otitis media and discuss its management.
9. Outline briefly on role of impedance audiometry in middle ear pathologies.
10. What is optokinetic nystagmus? Discuss its clinical significance and testing procedures.

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**4481**  
**M. S. Examination, 2011**

**Paper - III**

**(Operative Surgery of Principles of General  
Surgery as Applied to ENT)**

Time : Three Hours ] [ Maximum Marks : 100

**Note :-** (i) Attempt all questions.  
(ii) All questions carry equal marks.

1. Describe the indications and surgical technique of near total laryngectomy.
2. Enumerate the types of neck dissections and write briefly on their indications.
3. Outline role of biological in management of head and neck cancers.
4. Discuss the extra nasal indications of a endoscopic sinus surgery.
5. Enumerate the complications of otitis media and write about the management.

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6. Write briefly on types of osteotomies in Rhinoplasty.
7. Discuss the surgical management of pleomorphic adenoma of parotid.
8. Discuss the types of thyroiditis and the management of Hashimoto's thyroiditis.
9. Describe the surgical treatments for postcricoid carcinoma.
10. Discuss the role of microvascular flaps in malignancies of oral cavity.

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4482

M. S. Examination, 2011

Paper - IV

(Recent Advances in ENT Diseases)

Time : Three Hours ]

[ Maximum Marks : 100

Note :- (i) Attempt all questions.

(ii) All questions carry equal marks.

1. Enumerate the types of lasers and write briefly on its role in laryngeal pathologies.
2. Discuss photodynamic theory. Describe its role in nasopharyngeal carcinoma.
3. Describe the selection criteria for cochlear implant and write briefly on advantages of multi channel implants.
4. Write about bone anchored hearing aid? Discuss the indications and surgical procedure.
5. Describe spastic dysphonia. Describe its management.

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6. Write about otoendoscopy. Describe its clinical applications.
7. What is otoendoscopy. Describe its clinical applications.
8. Describe the advantages of image guided sinus surgery.
9. Discuss the role of intra-op nerve monitoring in ear surgery.
10. Write briefly on indications and types of laryngeal prosthesis for post laryngectomy patients.
11. What are otoacoustic emissions? Write about its clinical application.

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3089

**M. S. Examination, 2012**

E. N. T.

Paper - I

(Basic Sciences, Anatomy, Physiology,  
Embruoylogy, Histology, Comperative  
Anatomy, Biochemical Methods)

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** Attempt all questions.

*COMMENT ON DIFFERENT SPACES OF NECK*

1. ~~Complement difference neck~~ and discuss anatomy of parapharyngeal space in detail. 20
2. Describe etiology of choleseatema and its management. 20
3. Etiology of nasal polyp and management of allergic fungal synositis. 20

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4. Write short notes on :

4x10=40

- (a) Vocal nodules
- (b) Etho athrophic rhinitices
- (c) Angio fibroma of nesopharynx
- (d) Nerve supply of larynx

100

3090

Master of Surgery (Otorhinolaryngology and Head-Neck Surgery)

May 2012

PAPER II Principles and Practice of Otolaryngology

Max. Marks-100  
Answer All Questions

Time allowed- 3Hrs

Marks allotted

- |   |    |
|---|----|
| 1. Discuss the Management of Vestibular Schwannoma.   | 20 |
| 2. How will you do Voice Rehabilitation of a patient who has undergone Total Laryngectomy . | 20 |
| 3. Write short notes on:  |    |
| a. Pharmacotherapy of motion sickness.  | 10 |
| b. Visual Response Audiometry   | 10 |
| c. Orbital complications of Rhinosinusitis  | 10 |
| d. Pathology and pathogenesis of Nasal Polyposis.   | 10 |
| e. Methods to do the surgical repair of Septal perforations.                                | 10 |
| f. Laryngomalacia.  | 10 |

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3091

M. S. Examination, 2012

E. N. T.

Paper - III

(Clinical Diseases of Ear, Nose, Throat,  
Medical and Surgical)

Time : Three Hours ] [ Maximum Marks : 100

SECTION-A

Note :- Attempt any three. All questions carry equal  
marks. 20x3=60

1. Describe the different diagnosis of a midline neck swelling and their management.
2. Describe the parapharyngeal space and differential diagnosis of a parapharyngeal mass with its management.
3. Discuss the management of a case of carcinoma of supraglottic larynx T3N1M0 and rehabilitation of a patient planned for total laryngectomy.

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4. Describe the differential diagnosis of a parotid swelling. How will you manage a case of pleomorphic adenoma.

SECTION-B

Note :- Attempt any five. All questions carry equal  
marks.

1. Oral submucosal fibrosis
2. Ludwig's angina
3. Thyroplasty
4. Zenker's diverticulum
5. Laryngocoele
6. Le fort fracture

100

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3092

**M. S. Examination, 2012**

E. N. T.

Paper - IV

**(Recent Advances and Latest Innovation  
In Diagnosis and Surgical Procedures)**

Time : Three Hours ] [ Maximum Marks : 100

**SECTION-A**

**Note :-** Attempt any three. All questions carry equal marks. 20x3=60

1. Enumerate the various causes of vertigo and its recent trends in investigations and management.
2. Describe the recent advances in ossicular chain reconstruction.
3. Describe the advanced application of endoscopic sinus surgery and recent advances in the management of recurrent nasal polyposis
4. Evaluate the various methods of assessment of hearing in a child less than five years of age.

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**SECTION-B**

**Note :-** Attempt any five. All questions carry equal marks. 8x5=40

1. Role of radiofrequency in ENT
2. PET scan in ENT
3. Stroboscopy
4. BAHA (Bone Anchored Hearing Aid)
5. Brain stem plant
6. Role of laser in ENT surgeries