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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER I: BASIC SCIENCES

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ Write answers that are brief, clear, relevant and legible.
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.

1. Describe the anatomy of the larynx and lymphatics of the neck.

(35 marks)

2A. Discuss impedance matching systems of middle ear.

2B. Discuss the theories of phonation.

(20+15 = 35 marks)

3. Write short notes on:

3A. Wallerian degeneration.

3B. Caloric test.

3C. Fossa of Rosenmuller.

3D. Human papilloma virus.

3E. Stylopharyngeus.

(6×5=30 marks)

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER II: DISEASES OF EAR, NOSE & THROAT**

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.**
 - ✍ Write answers that are brief, clear, relevant and legible.**
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the differential diagnosis and management of vertigo of otolaryngological origin.
(35 marks)

- 2A. Discuss indications, procedure and complications of Tracheostomy.
- 2B. Discuss the indications, contra indications, complications and their management in SMR surgery.
(20+15 = 35 marks)

3. Write short notes on:
 - 3A. Fronto ethmoidal mucocoele.
 - 3B. Acute epiglottitis.
 - 3C. Thornwaldt's bursitis.
 - 3D. Keratosis obturans.
 - 3E. Achalasia cardia.

(6×5 = 30 marks)

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER III: ENT DISEASES**

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions**
 - ✍ Write answers that are brief, clear, relevant and legible.**
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the aetiopathology, clinical features and management of juvenile angiofibroma.

(35 marks)

2A. Discuss the aetiological factors and management of dysphagia in an elderly man.

2B. Discuss the aetiology, clinical features and management of pharyngeal diverticulum.

(20 +15 = 35 marks)

3. Write short notes on:

3A. Eagle's Syndrome

3B. Unilateral proptosis

3C. Traumatic rupture of tympanic membrane

3D. Sistrunk's operation

3E. Trismus

(6×5 = 30 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER IV: DISEASES OF ENT INCLUDING RECENT ADVANCES**

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the Radical neck dissection in detail.

(35 marks)

2A. Discuss the role of chemotherapy in Head and Neck cancers.

2B. Discuss functional endoscopic sinus surgery.

(20+15=35 marks)

3. Write short notes on:

3A. Blom-Singer's prosthesis

3B. Carotid angiography in ENT

3C. Uvulo palato pharyngoplasty

3D. Hearing aids

3E. Computer graphics

(6×5 = 30 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: BASIC SCIENCES

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Describe the anatomy of the spaces of the neck with their surgical importance.
(35 marks)

2. Discuss the mechanism and theories of olfaction.
(35 marks)

3. Write short notes on:
 - 3A. Pterygopalatine fossa.
 - 3B. Ossicular chain.
 - 3C. Mac Ewan's triangle.
(30 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER II: DISEASES OF EAR, NOSE & THROAT

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the aetiology, clinical features and management of vocal cord paralysis.

(35 marks)

2A. Discuss the medical and surgical line of treatment of Meniere's disease.

2B. Discuss the aetiology, clinical features and management of Rhinoscleroma.

(20+15 = 35 marks)

3. Write short notes on:

3A. Patterson Brown Kelly syndrome.

3B. Referred Otalgia.

3C. Choanal atresia.

3D. Infectious Mononucleosis.

3E. Sialolithiasis.

(6×5 = 30 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: ENT DISEASES

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Describe in detail the aetiopathogenesis, clinical features and management of Secretory otitis media.

(35 marks)

2A. Describe the complications of adeno tonsillectomy and their management.

2B. Discuss the aetiopathology, clinical features and management of Rhinosporidiosis.

(20 + 15 = 35 marks)

3. Write short notes on:

3A. Caloric Test.

3B. Triple endoscopy.

3C. Functional aphonia.

3D. Achalasia Cardia.

3E. Septal perforation.

(6×5 = 30 marks)

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OTORHINOLARINGOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER IV: DISEASES OF ENT INCLUDING RECENT ADVANCES

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss in detail the types of laryngeal injuries, their management and their sequelae.
(35 marks)

2. Discuss the use of free flap in head and neck region.
(35 marks)

3. Write short notes on:
 - 3A. Teflon piston.
 - 3B. *Corynebacterium diphtheriae*.
 - 3C. Glycerol test.(30 marks)

