

Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – JUNE 2020
SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO ENT

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Draw neat-labeled diagrams/ flow charts wherever necessary.**

✍ **Long essay question:**

1. What is olfactory area? Trace the olfactory pathway and describe the investigations done to assess olfaction.

(15 marks)

2. Describe the anatomy and functions of Waldeyer's ring.

(15 marks)

3. **Short essay questions:**

3A. Biofilm

3B. Tympanic diaphragm

3C. Tests for parathyroid function

3D. Superior laryngeal nerve

3E. Impedance audiometry

3F. Topical nasal corticosteroids

3G. Immunoglobulin E

3H. Ultra-structure of nasal cilia

3I. Membranous Labyrinth

3J. Brachytherapy

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – JUNE 2020
SUBJECT: PAPER II: OTO-RHINOLARYNGOLOGY AND NEURO-OTOLOGY

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Draw neat-labeled diagrams / flow charts wherever necessary.**

✍ **Long essay question:**

1. Discuss the etiopathogenesis, clinical features and management of Meniere's disease.

(15 marks)

2. Discuss the etiopathogenesis, clinical features and management of primary atrophic rhinitis.

(15 marks)

3. **Short essay questions:**

3A. Endoscopic septoplasty

3B. Ototoxicity

3C. Fibrous dysplasia

3D. Septal hematoma

3E. Fractures of the temporal bone

3F. Technique and complications of stapedotomy

3G. Bleeding polypus of the nasal cavity

3H. Endoscopic dacryocystorhinostomy

3I. Presbycusis

3J. Seborrhoeic otitis externa

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – JUNE 2020

**SUBJECT: PAPER III: OTO-RHINOLARYNGOLOGY INCLUDING HEAD AND NECK
ONCOLOGY AND ENDOSCOPY**

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long essay questions:**

1. Discuss the etiopathology, clinical features and management of retropharyngeal abscess.
(15 marks)

2. Discuss the management of early glottic cancer.
(15 marks)

3. **Write short notes on:**

3A. Esophageal perforation

3B. Laryngeal papillomatosis

3C. Globus hystericus

3D. Tracheo-esophageal puncture

3E. Trismus

3F. FNAC

3G. Pleomorphic adenoma

3H. Thyroid storm

3I. Sistrunk's operation

3J. Thyroplasty

(7 marks × 10 = 70 marks)

