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MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION –
MAY 2021
PAPER I

Monday, May 03, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

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

✍ **Long essay questions:**

1. Describe the mechanism of phonation. How do you investigate to assess disorders of phonation?

(15 marks)

2. Describe the vascular anatomy and autonomic neural control of the lateral wall of nasal cavity.

(15 marks)

3. **Short essay questions:**

3A. Pneumatization of temporal bone

3B. Intensity modulated radiotherapy

3C. Cetuximab

3D. Muscles of the tongue

3E. Audiological tests for retro-cochlear lesions

3F. Mast cells

3G. Otolith

3H. Submandibular space

3I. Theories of hearing

3J. Development of thyroid gland

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION –
MAY 2021
PAPER II

Tuesday, May 04, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

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

✍ **Long essay questions:**

1. Discuss briefly midline granulomatous lesions in the nose.

(15 marks)

2. Describe the etiology & investigations of facial nerve palsy.

(15 marks)

3. **Short essay questions:**

3A. Epley's manoeuvre

3B. Olfactory neuroblastoma

3C. Clinical features & investigations of glomus tympanicum

3D. Turbinate reduction surgeries

3E. Exostosis of external auditory canal

3F. Septal perforation

3G. Referred otalgia

3H. Rhinocerebral mucormycosis

3I. Brainstem implant

3J. Management of C.S.F. rhinorrhoea

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION –
MAY 2021

PAPER III

Wednesday, May 05, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL the questions.**
- ✍ **Draw neat-labeled diagrams/ flow charts wherever necessary.**

✍ **Long essay questions:**

1. Describe in detail the management of T3 glottic cancer. (15 marks)

2. Discuss the indications, technique and complications of tracheostomy. (15 marks)

3. **Short essay questions:**

- 3A. Parapharyngeal abscess
- 3B. Acute laryngo-tracheo-bronchitis
- 3C. Indications and contraindications of rigid bronchoscopy
- 3D. Laryngo-pharyngeal reflux
- 3E. Management of esophageal perforation
- 3F. Modified neck dissection
- 3G. Micro-vascular reconstruction of post-surgical oral cavity defects
- 3H. Neo-adjuvant chemotherapy
- 3I. Management of pharyngeal pouch
- 3J. Thyroglossal cyst

(7 marks × 10 = 70 marks)

