

MANIPAL UNIVERSITY**PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2016****SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO ENT**

Monday, April 18, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

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

✍ **Long essay question:**

1. Describe the anatomy of hypopharynx. How do you investigate to assess hypopharyngeal tumors?

(15 marks)

2. Describe the applied anatomy of ostio-meatal complex. Add a note on mucociliary drainage of paranasal sinuses.

(15 marks)

3. **Short essay questions:**

3A. Tubercles of His

3B. Nerve supply of Pinna

3C. Adjuvant chemotherapy

3D. Subglottis

3E. Deflazacort

3F. Recruitment

3G. Sigmoid sinus

3H. Bernoulli's Phenomenon

3I. Kero's classification

3J. Imaging of the temporal bone

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2016****SUBJECT: PAPER II: OTO-RHINOLARYNGOLOGY AND NEURO-OTOLOGY**

Tuesday, April 19, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

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

✍ **Long essay question:**

1. Discuss the etiopathogenesis, clinical features and management of glomus tympanicum. (15 marks)
2. Discuss the complications of acute sinusitis in a 5-year-old boy. (15 marks)

3. **Short essay questions:**

- 3A. Choanal atresia
- 3B. Fronto-ethmoidal mucocele
- 3C. Herpes Zoster oticus
- 3D. Diagnosis and management of otitis media with effusion
- 3E. Labyrinthine fistula
- 3F. Ossiculoplasty
- 3G. Diagnostic criteriae for allergic fungal rhinosinusitis
- 3H. Technique and complications of Caldwell-Luc operation
- 3I. Lethal mid-line granuloma
- 3J. Perichondritis of the pinna

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2016****SUBJECT: PAPER III: OTO-RHINOLARYNGOLOGY INCLUDING HEAD AND NECK
ONCOLOGY AND ENDOSCOPY**

Wednesday, April 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay:**

1. Discuss the etiopathology, clinical features and management of post-cricoid malignancy. (15 marks)

2. Briefly discuss benign lesions of the larynx. (15 marks)

3. **Write short notes on:**

3A. Myxoedema

3B. Bronchoscopy

3C. Eagle's syndrome

3D. Barret's oesophagus

3E. Branchial cyst

3F. Gastro-esophageal reflux disease

3G. Supra-omohyoid neck dissection

3H. Occult primary

3I. Alaryngeal voice

3J. Near total laryngectomy

(7 marks × 10 = 70 marks)

