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MANIPAL UNIVERSITY

PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2017

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO ENT

Monday, April 03, 2017

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 and functions of Organ of Corti.

(15 marks)

2. Classify spaces of the neck. Describe using neat-labeled diagram the surgical anatomy of parapharyngeal space.

(15 marks)

3. Short essay questions:

3A. Triangles in relation to thyroid gland

3B. Stroboscopy

3C. Methotrexate

3D. Rhinosporidium seeberi

3E. Speech discrimination score

3F. Facial recess

3G. Tumor markers in head and neck cancers

3H. Anaphylaxis

3I. Hypocalcaemia in ENT

3J. Nasal valve

(7 marks × 10 = 70 marks)



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MANIPAL UNIVERSITY

PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2017

SUBJECT: PAPER II: OTO-RHINOLARYNGOLOGY AND NEURO-OTOLOGY

Tuesday, April 04, 2017

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 etiopathology, staging and management of maxillo-ethmoidal complex malignancy.

(15 marks)

2. Discuss the sequelae and management of tubo-tympanic disease.

(15 marks)

3. Short essay questions:

- 3A. Management of allergic fungal rhino-sinusitis
- 3B. Subtotal temporal resection
- 3C. Surgical treatment for atresia of external auditory canal
- 3D. Etio-pathology of posterior superior retraction pocket
- 3E. Planning and preparations for cochlear implant surgery
- 3F. Endoscopic decompression of the optic nerve
- 3G. Intra-tympanic Gentamicin
- 3H. Intra-dermal skin end-point titration test for nasal allergy
- 3I. Rhinitis sicca
- 3J. Rhinolith

(7 marks × 10 = 70 marks)



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MANIPAL UNIVERSITY

PG DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2017

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

Wednesday, April 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long essay questions:**

1. Discuss the rehabilitation of voice after total laryngectomy.

(15 marks)

2. Discuss briefly the surgical complications of radical neck dissection.

(15 marks)

3. **Short essay questions:**

3A. Spasmodic dysphonia

3B. Neurogenic tumours of the head and neck

3C. Free flaps

3D. Vertical partial laryngectomy

3E. Polysomnography

3F. Tuberculous lymphadenitis

3G. Juvenile laryngeal papillomatosis

3H. Laryngocele

3I. Hemorrhagic shock

3J. Vocal Polyp

(7 marks × 10 = 70 marks)

