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MANIPAL UNIVERSITY

DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2012

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO ENT

Monday, April 02, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

1. Describe the surgical anatomy and development of middle ear cleft. Highlight the clinical significance of sinus tympani and facial recess.

(20 marks)

2. **Write short notes on the following:**

- 2A. Frontal sinus muco-ciliary drainage pathway
- 2B. Theories of phonation
- 2C. Impedance audiometry.
- 2D. Amphotericin B
- 2E. Histopathological features of aural polyp and nasal polyp.
- 2F. Intensity modulated radiotherapy
- 2G. Compartments of larynx
- 2H. Virtual endoscopy

(10×8 = 80 marks)



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MANIPAL UNIVERSITY

DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2012

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

Tuesday, April 03, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

1. A 35-year-old male presents with right sided foul smelling ear discharge of 5 years duration and on examination a reddish mass is seen in the ear. How will you manage this case?
(20 marks)

2. **Write Short notes on the following:**

- 2A. Management of temporal lobe abscess
- 2B. Sluder's neuralgia
- 2C. Congenital anomalies of the pinna
- 2D. Theories of causation of cholesteatoma
- 2E. Le Fort fractures
- 2F. Trans-sphenoidal hypophysectomy
- 2G. Clinical manifestations of Wegener's granulomatosis
- 2H. Immunotherapy for nasal allergy

(10×8 = 80 marks)



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MANIPAL UNIVERSITY

DIPLOMA IN OTORHINOLARYNGOLOGY (DLO) EXAMINATION – APRIL 2012
SUBJECT: PAPER III: OTO-RHINOLARYNGOLOGY INCLUDING HEAD AND NECK
ONCOLOGY AND ENDOSCOPY

Wednesday, April 04, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

1. Discuss in detail the clinical features, staging and management of hypopharyngeal cancer.
(20 marks)

2. **Write short notes on the following:**
 - 2A. Ectopic thyroid
 - 2B. Acute epiglottitis
 - 2C. Tracheo-Bronchial Foreign bodies
 - 2D. Parapharyngeal tumors
 - 2E. Management of Occult cervical metastasis
 - 2F. CO2 Laser in laryngeal surgery
 - 2G. Pectoralis major myocutaneous flap
 - 2H. Peritonsillar abscess

(10×8 = 80 marks)

