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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2010

**SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY,
PHYSIOLOGY, BIOCHEMISTRY, PATHOLOGY AND PHARMACOLOGY**

Monday, April 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Describe the lymphatic drainage of orofacial structures. Add a note on clinical significance of enlarged submandibular lymph nodes.

(20 marks)

2. Describe pathogenesis and pathology of oral cancer.

(20 marks)

3. **Write short essays on:**

3A. Development of mandible.

3B. “Corticosteroids are double edged weapons”: explain the statement.

3C. Functions of leukocytes.

3D. Vitamin D.

3E. Anaphylaxis.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

Answer ALL the questions.

Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Discuss the principles of radiographic interpretation.

(20 marks)

2. Discuss the imaging modalities for the diagnosis of osteomyelitis of jaws.

(20 marks)

3. **Write short essays on:**

3A. Transpharyngeal view.

3B. Radiographic features of soft tissue calcifications in the orofacial region.

3C. Production of X-rays.

3D. Limitations of radiography in diagnosis of periodontal disease.

3E. Radiation dosimetry.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER III – ORAL MEDICINE, THERAPEUTICS AND LABORATORY INVESTIGATIONS

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Discuss the etiopathogenesis and manifestations of facial palsy. Add a note on syndromes associated with facial palsy.

(20 marks)

2. Discuss the oral manifestations in a patient who has undergone renal transplantation and the dental considerations in such patients.

(20 marks)

3. **Write short essays on:**

3A. Oral manifestations of AIDS.

3B. Pyogenic granuloma.

3C. Differential diagnosis of long standing tongue ulcer.

3D. Xerostomia.

3E. Diagnosis and treatment of atypical facial pain.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER IV: ESSAY

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Illustrate your answer with diagrams, flow charts wherever appropriate.

✍ Write an Essay on:

Spread of oral infection

OR

Multilocular radiolucencies of jaws

