

Reg. No.

## MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2012

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

Monday, April 09, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all the questions.**

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

1. Describe the histology of oral mucosa and its physiological adaptation to environmental conditions.

(20 marks)

2. Discuss the various steps involved in healing of a socket following tooth extraction. Briefly describe the changes that occur in reimplantation of an avulsed tooth.

(20 marks)

**3. Write short essays on:**

3A. Carcinogenesis.

3B. Antibiotics used in the management of orofacial infections.

3C. Eruption of teeth.

3D. Hemostasis.

3E. Development of tongue.

(7×5 = 35 marks)



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## MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Tuesday, April 10, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all the questions.**

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

1. Discuss the radiographic features of malignancies affecting orofacial region.

(20 marks)

2. Write in detail the principle of panoramic radiography. Add a note on ghost image formation.

(20 marks)

3. **Write short essays on:**

3A. Deterministic effects of radiation on oral tissues.

3B. Water's view.

3C. Infection control in dental radiology.

3D. Sialography.

3E. Significance of lamina dura.

(7×5 = 35 marks)



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MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2012

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

Wednesday, April 11, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

**Answer all the questions.**

**Illustrate your answers with appropriate diagrams or flow charts wherever appropriate.**

1. Discuss the statement “mouth is the mirror of the body”.

(20 marks)

2. Classify salivary gland disorders. Discuss the autoimmune disorders affecting the salivary glands.

(20 marks)

**3. Write short essays on:**

3A. Management of oral candidiasis.

3B. Fibrous dysplasia.

3C. Referred facial pain.

3D. Potentially malignant oral lesions.

3E. Herpes virus infection.

(7×5 = 35 marks)



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**MANIPAL UNIVERSITY**

**MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2012**

**SUBJECT: PAPER IV: ESSAY**

Thursday, April 12, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

**✍ Write an essay on:**

Discuss the spread of oral infection

**OR**

Discuss your role in the designing of a dental radiology department

