	Reg. No.							
MANIPAL UNIVERSITY								
MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2012							12	
SUBJECT: PAPER I – APPLIE PHYSIOLOGY, BIOCHEMI								
Mor	nday, April 09,	2012						
Time: 14:00 – 17:00 Hrs.					Ν	Max. N	1arks	: 75
 Answer all the questions. Illustrate your answers with approx 	opriate diagra	ms or	flow cl	harts v	vhereve	er appi	ropri	ate.

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.

 $(7 \times 5 = 35 \text{ marks})$

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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.

 $(7 \times 5 = 35 \text{ marks})$



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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)

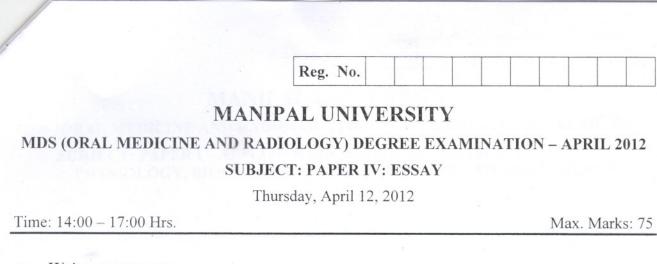
2. Classify salivary gland disorders. Discuss the autoimmune disorders affecting the salivary glands.

(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.

 $(7 \times 5 = 35 \text{ marks})$



Discuss the spread of oral infection

OR

Discuss your role in the designing of a dental radiology department