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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2013

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

Monday, April 08, 2013

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 anatomy, histology and development of the parotid gland. (20 marks)

2. Discuss calcium metabolism in detail. (20 marks)

3. Write short essays on:

3A. Immunoglobulins.

3B. Hypersensitivity reactions.

3C. Muscle relaxants used in dentistry.

3D. Haemostatics.

3E. Pathway for dental pain.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Tuesday, April 09, 2013

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 poorly-defined radiolucencies affecting the jaw bones. (20 marks)

2. Discuss the various imaging modalities used to detect salivary gland pathology. (20 marks)

3. Write short essays on:

3A. Mach band effect.

3B. Latent image formation.

3C. Water's view.

3D. Differential diagnosis of false periapical radiopacities.

3E. Intensifying screen.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2013

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

Wednesday, April 10, 2013

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 differential diagnosis of cervicofacial lymphadenopathy.

(20 marks)

2. Discuss the role of glucocorticoid use in the therapy of oral mucosal lesions.

(20 marks)

3. **Write short essays on:**

3A. Management of chronic suppurative osteomyelitis.

3B. Oral Hairy leukoplakia.

3C. Tests for bleeding disorders.

3D. Cleidocranial dysostosis.

3E. Exfoliative cytology.

(7×5 = 35 marks)



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MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER IV: ESSAY

Thursday, April 11, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Write an essay on:

Discuss Salivary gland pathology

OR

Imaging in implant dentistry

