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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2011

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

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Define shock .Write in detail about the various types, pathogenesis, stages and complications of shock.

(20 marks)

2. Write in detail about the TMJ anatomy and function.

(20 marks)

3. **Write short essays on:**

3A. Thalassemia

3B. Drugs used in the treatment of candidiasis

3C. Calcium metabolism

3D. Muscles of mastication

3E. Composition and functions of saliva

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Radiation protection in radiology department. Discuss in detail the planning and design of such a department.

(20 marks)

2. Discuss the various imaging modalities for Temporomandibular joint.

(20 marks)

3. **Write short essays on:**

3A. Image receptors used in digital imaging

3B. Sialography

3C. Ideal radiograph

3D. Osteoradionecrosis

3E. X-ray machine

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2011

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

Wednesday, April 06, 2011

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 differential diagnosis for acute multiple ulcers of the oral cavity and write in detail on erythema multiforme.

(20 marks)

2. Discuss the oral manifestations in a patient undergoing cancer therapy.

(20 marks)

3. Write short essays on:

3A. Laboratory diagnosis of HIV

3B. OSMF

3C. Burning mouth syndrome

3D. Pleomorphic adenoma

3E. Suppurative osteomyelitis

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER IV: ESSAY

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write an Essay on:

Contrast radiography

OR

Premalignant lesions and conditions of the oral cavity

