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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE/JULY 2020

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

Monday, June 29, 2020

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 mechanism of deglutition.

(20 marks)

2. Describe the principles of antibiotic therapy.

(20 marks)

3. Write short essays on:

3A. Primary healing

3B. Topical anesthetics

3C. Immunoglobulins

3D. Structure of a lymph node

3E. RNA viruses

(7 marks × 5 = 35 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE/JULY 2020

**SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY**

Tuesday, June 30, 2020

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 effects of radiation therapy on orofacial tissues. (20 marks)
2. Describe the radiographic features of fibro osseous lesions affecting jaws. (20 marks)
3. Write short essays on:
  - 3A. Image receptors in digital radiography
  - 3B. X ray film processing
  - 3C. Role of radiography in diagnosis of temporomandibular disorder
  - 3D. Xeroradiography
  - 3E. Differential diagnosis of periapical radiopacity

(7 marks × 5 = 35 marks)



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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE/JULY 2020

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

Thursday, July 02, 2020

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. Classify oral candidiasis. Discuss the pathogenesis, clinical manifestations, differential diagnosis and management of pseudomembranous candidiasis.

(20 marks)

2. Discuss your role in providing care for a patient with compromised renal function.

(20 marks)

3. Write short essays on:

3A. Immunofluorescence tests

3B. Malignant melanoma

3C. Amelogenesis imperfecta

3D. Management of myofascial pain

3E. Herpes zoster

(7 marks × 5 = 35 marks)



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# MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE/JULY 2020

SUBJECT: PAPER IV: ESSAY

Friday, July 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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✍ Answer **ONLY ONE** question.

1. Discuss the various laboratory investigations of significance in the practice of Oral Medicine.

OR

2. Three dimensional imaging in the maxillofacial region.

