

MANIPAL UNIVERSITY**MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE 2017****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY,
BIOCHEMISTRY, PATHOLOGY AND PHARMACOLOGY**

Monday, June 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flow charts wherever appropriate.**

1. Describe the anatomy of Trigeminal Nerve. Write in detail the applied aspects. (20 marks)
2. Tongue in Health and Disease. (20 marks)
3. **Write short essays on:**
 - 3A. Antibiotic Prophylaxis for Infective endocarditis
 - 3B. Dental consideration in Acute Leukemia
 - 3C. Immunomodulators in dentistry
 - 3D. Theories of Orofacial pain
 - 3E. Role of Vitamin C in Dental Diseases(7 marks × 5 = 35 marks)



MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE 2017

SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Tuesday, June 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 **Answer ALL questions.**

 **Draw diagrams and flow charts wherever appropriate.**

1. Discuss design of x-ray machine in detail.

(20 marks)

2. Computed tomography.

(20 marks)

3. **Write short essays on:**

3A. Radioprotectors

3B. Transpharyngeal TMJ view

3C. Interaction of X-rays with matter

3D. Charge-coupled device

3E. MRI

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE 2017

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

Wednesday, June 07, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

✍ Draw diagrams and flow charts wherever appropriate.

1. Write the Differential Diagnosis for Bilaterally Symmetrical lesions of the oral cavity.

(20 marks)

2. Discuss the Differential Diagnosis for Single Ulcers of the oral cavity.

(20 marks)

3. Write short essays on:

3A. Sialochemistry

3B. Conditions causing taste dysfunction

3C. Tumor like oral lesions

3D. Focal infection

3E. Desquamative Gingivitis

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – JUNE 2017

SUBJECT: PAPER IV: ESSAY

Thursday, June 08, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Sequelae of Dental caries.

OR

2. Oral health as an indicator of systemic diseases.

(75 marks)

