

MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – MAY 2019****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY,
BIOCHEMISTRY, PATHOLOGY AND PHARMACOLOGY**

Friday, May 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Describe the Anatomy, Physiology and applied aspects of Salivary Glands. (20 marks)

2. Describe the Composition of Blood. Mention the various disorders of blood and their significance in Oral Health. (20 marks)

3. **Write short essays on:**
 - 3A. NSAID's
 - 3B. Angiodema
 - 3C. Coagulation pathway
 - 3D. Inflammatory mediators
 - 3E. Muscles of mastication

(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – MAY 2019
SUBJECT: PAPER II – ORAL AND MAXILLOFACIAL RADIOLOGY

Saturday, May 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer ALL the questions.**
- ✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Classification & Differential diagnosis of Periapical Radiopacities. (20 marks)

2. Radiation protection measures for patient and operator in a dental clinic. (20 marks)

3. **Write short essays on:**
 - 3A. Artefacts in Radiology
 - 3B. Mixed Radiodensity lesions
 - 3C. Postero-Anterior Skull projections
 - 3D. Dystrophic calcifications
 - 3E. Dosimetry(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – MAY 2019****SUBJECT: PAPER III – ORAL MEDICINE, THERAPEUTICS AND LABORATORY INVESTIGATIONS**

Monday, May 06, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer ALL the questions.**
- ✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Discuss oral ulcerative lesions. (20 marks)

2. Discuss oral bleeding in detail. (20 marks)

3. **Write short essays on:**

3A. Hairy leukoplakia

3B. Lyell disease

3C. Langerhans histiocytosis

3D. Immunosuppressive agents

3E. Diagnosis of HIV

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – MAY 2019

SUBJECT: PAPER IV: ESSAY

Tuesday, May 07, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer **ONLY ONE** question.

✍ Long Essay:

1. Temporomandibular disorders.

OR

2. Design of a Radiology unit.

(75 marks)

