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MANIPAL UNIVERSITY

MDS (ORAL PATHOLOGY AND MICROBIOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
NUTRITION, DIETETICS AND RESEARCH METHODOLOGY

Monday, April 06, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ Answer ALL the questions.
- ✍ All questions carry equal marks.
- ✍ Illustrate your answers with diagrams, flowcharts, wherever necessary.

1. Describe the development, macro and microscopic structure of the palate.
2. Discuss the factors influencing the absorption of calcium and phosphorus.
3. Discuss the cellular events in acute inflammation.



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MDS (ORAL PATHOLOGY AND MICROBIOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER II – ORAL PATHOLOGY, MICROBIOLOGY AND ONCOLOGY

Tuesday, April 07, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL questions.**
 - ✍ **All questions carry equal marks**
 - ✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**
1. Discuss the clinical and pathological features in cysts of the jaws of non odontogenic origin.
 2. Discuss the benign tumours of the salivary gland.
 3. Discuss the oral manifestation in vesiculo - bullous lesions.



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MDS (ORAL PATHOLOGY AND MICROBIOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER III – LABORATORY TECHNIQUES AND DIAGNOSIS

Wednesday, April 08, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL questions.**
- ✍ **All questions carry equal marks.**
- ✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Discuss the significance of blood chemistry in investigation of bone lesions.
2. Discuss oral biopsy procedure.
3. **Discuss briefly:**
 - 3A. Faults in paraffin sections.
 - 3B. Mountants.



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MDS (ORAL PATHOLOGY AND MICROBIOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV – ESSAY

Thursday, April 09, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Illustrate your answers with diagrams, flowcharts, wherever necessary.**

✍ **Write an essay on:**

“Autoimmunity and autoimmune oral lesions”

OR

“Immuno Histochemistry”

