

Reg. No.

## MANIPAL UNIVERSITY

**MDS (PERIODONTICS) DEGREE EXAMINATION – APRIL 2009**

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

Monday, April 06, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL questions.**
  - ✍ **All questions carry equal marks.**
  - ✍ **Illustrate your answer with diagrams, flow charts wherever appropriate.**
1. Discuss the masticatory system and its importance in maintaining periodontal health.
  2. Discuss the role of antimicrobials in periodontal field.
  3. Changes in periodontium due to aging is not physiological – Discuss.
  4. Discuss the present trends and avenues for future research in periodontics.



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**MDS (PERIODONTICS) DEGREE EXAMINATION – APRIL 2009**

**SUBJECT: PAPER II –CLINICAL PERIODONTOLOGY AND PREVENTION**

Tuesday, April 07, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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1. Discuss the periodontal diseases in children.
2. Discuss bacterial plague with reference to its pathogenecity.
3. Discuss the role of cytokines in periodontal pathogenesis.
4. Discuss the presently available information about chlorhexidine as an anti plague agent.



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**MDS (PERIODONTICS) DEGREE EXAMINATION – APRIL 2009**

**SUBJECT: PAPER III – PERIODONTAL THERAPY**

Wednesday, April 08, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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1. Discuss periodontal implications of orthodontic therapy.
2. Discuss flap surgeries for pocket eradication.
3. Discuss the merits and demerits of ultrasonic scalers.
4. Discuss the controversies about the need of periodontal dressing.



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**MDS (PERIODONTICS) DEGREE EXAMINATION – APRIL 2009**

**SUBJECT: PAPER IV: ESSAY**

Thursday, April 09, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Write an essay on:

Current status of local drug delivery in periodontal therapy

OR

Advanced diagnostic aids in periodontics

