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MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, RESEARCH
METHODOLOGY & DENTAL MATERIALS

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, flow charts wherever appropriate.

1. Describe:

- 1A. The embryological development of pulp-dentin complex.
- 1B. Changes in structure of dentin due to operative procedures.
- 1C. Spread of caries in dentin.

2. Describe:

- 2A. The correlation between diet and dental caries.
- 2B. Role of fluorides in preventing dental caries.
- 2C. Caries vaccine.

3. Describe:

- 3A. Compressive strength of dental amalgam.
- 3B. Mercury hygiene.
- 3C. Precarve and Postcarve burnishing.



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MANIPAL UNIVERSITY

**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE
EXAMINATION – APRIL 2009**

SUBJECT: PAPER II: CONSERVATIVE DENTISTRY

Tuesday, April 07, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Discuss various techniques of impression making in operative dentistry.
2. Describe various class II cavity designs for posterior composites.
3. Elaborate on non carious tooth lesions and their treatment modalities.



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**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE
EXAMINATION – APRIL 2009**

SUBJECT: PAPER III: ENDODONTICS

Wednesday, April 08, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ Answer ALL the questions.
 - ✍ All questions carry equal marks.
 - ✍ Illustrate your answers with diagrams, flow charts wherever appropriate.
1. Rationale for shaping and cleaning of root canal system.
 2. Intracanal medicaments – are they needed in the management of endodontic cases?
 3. Role of ultrasonics in endodontics.



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MANIPAL UNIVERSITY
MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE
EXAMINATION – APRIL 2009

SUBJECT: PAPER IV: ESSAY

Thursday, April 09, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ All questions carry equal marks.
- ✍ Illustrate your answers with diagrams, flow charts wherever appropriate.
- ✍ Write essay on:

Critically evaluate the role of MTA in endodontics.

OR

Discuss adhesive based restorative dentistry.

