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MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – APRIL 2010

**SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY INCLUDING ORAL MICROBIOLOGY, PHARMACOLOGY,
BIOSTATISTICS & RESEARCH METHODOLOGY AND APPLIED DENTAL MATERIALS**

Monday, April 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Dietary factors in dental caries.

(20 marks)

2. Techniques of local anesthesia in endodontics.

(20 marks)

3. **Write short notes on:**

3A. Syncope in dental office.

3B. Mercury free dental alloys for direct restorations.

3C. Defence mechanism of pulp.

3D. Chi Square test.

3E. Dens invaginatus.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER II: CONSERVATIVE DENTISTRY

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

Answer ALL the questions.

Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Discuss patient and operator positions and its relation with dental ergonomics. (20 marks)
2. Reasons for failure of dentin bonding. (20 marks)
3. **Write short notes on:**
 - 3A. Importance of contacts and contour.
 - 3B. Tapers in inlay cavity preparations.
 - 3C. Rapid tooth separation.
 - 3D. Objectives of interim restorations.
 - 3E. Beveled conventional cavity preparation for composites. (7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER III: ENDODONTICS

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Management of root fractures.

(20 marks)

2. Step back Vs step down technique for root canal preparation.

(20 marks)

3. **Write briefly on:**

3A. Alterations of endodontically treated teeth compared to vital teeth.

3B. Traditional Vs microsurgical techniques.

3C. Carbamide peroxide in bleaching.

3D. Lasers in cleaning and shaping of root canal system.

3E. Solid core carrier techniques in obturation.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY
MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)
DEGREE EXAMINATION – APRIL 2010


SUBJECT: PAPER IV: ESSAY

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 **Illustrate your answer with diagrams, flow charts wherever appropriate.**

 **Write an Essay on:**

Disinfection in Endodontics

OR

Management of Cervical lesions

