

MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – APRIL 2008

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

Monday, April 07, 2008

Time: 3 Hours

Maximum Marks: 100

✍ **Answer ALL the questions.**

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

1. Describe:

- 1A. Development of pulp dentin organ.
- 1B. Histology and cells of pulp.
- 1C. Age changes in the pulp.

2. Write on:

- 2A. Culture media used in Endodontics.
- 2B. Culture reversal.
- 2C. Microbial flora in Endodontics.

3. Write on:

- 3A. Temporary restorations.
- 3B. Cavity liners.
- 3C. Pulp capping materials.



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SUBJECT: PAPER II: CONSERVATIVE DENTISTRY

Tuesday, April 08, 2008

Time: 3 Hours

Maximum Marks: 100

✍ **Answer ALL the questions.**

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

1. Discuss the role of periodontal surgeries in operative dentistry.
2. Evaluation and repair of Direct and Indirect restorations.
3. Discuss role of computerised technologies in operative dentistry.



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SUBJECT: PAPER III: ENDODONTICS

Wednesday, April 09, 2008

Time: 3 Hours

Maximum Marks: 100

✍ Answer ALL the questions.

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

1. Role of periodontal surgeries in Endodontics.
2. Role of handpieces in Endodontics.
3. Write in detail about Endodontic armamentarium.



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SUBJECT: PAPER IV: ESSAY

Thursday, April 10, 2008

Time: 3 Hours

Maximum Marks: 100

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

✍ Write Essay on:

Discuss the role of metals in operative dentistry.

OR

Write in detail the evolution of Endodontic instruments and obturating materials.

