

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MDS (CONSERVATIVE, ENDODONTICS AND AESTHETIC DENTISTRY) DEGREE EXAMINATION – JULY 2005

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

Monday, July 04, 2005

Time: 3 Hours

Maximum 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. Describe:

- 1A. Structure of enamel
- 1B. Age changes in enamel
- 1C. Developmental disorders of enamel

2. Describe:

- 2A. Etiology of caries
- 2B. Progression of carious lesion
- 2C. Management of root caries

3. Write on:

- 3A. Mercury hygiene in dental clinics
- 3B. Mercury free amalgams
- 3C. Intermediate restorations

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MDS (CONSERVATIVE, ENDODONTICS AND AESTHETIC DENTISTRY) DEGREE EXAMINATION - JULY 2005

SUBJECT: PAPER II: CONSERVATIVE DENTISTRY

Tuesday, July 05, 2005

Time: 3 Hours

Maximum 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. Describe the various methods of infection control in conservative dentistry.
 2. Critically evaluate the significance of contacts and contours in conservative dentistry.
 3. What are the recent developments in diagnosis of dental caries and management.



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MDS (CONSERVATIVE, ENDODONTICS AND AESTHETIC DENTISTRY) DEGREE EXAMINATION - JULY 2005

SUBJECT: PAPER IV: ESSAY

Thursday, July 07, 2005

Time: 3 Hours

Maximum Marks: 100

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

Discuss Lasers in Conservative Dentistry.

OR

Discuss "Success" and "failures" in Endodontics.



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MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION - DECEMBER 2005

SUBJECT: PAPER I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,

RESEARCH METHODOLOGY & DENTAL MATERIALS

Monday, December 05, 2005

Time: 3 Hours

Maximum 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. Describe:

- 1A. Mechanics of mandibular movement.
- 1B. Tooth contacts during mandibular movement.
- 1C. Articulators to simulate mandibular movements.

2. Describe:

- 2A. Various speed ranges.
- 2B. Pulpal reaction to high speed rotary instrumentation.
- 2C. Design characteristics of a dental bur.

3. Write on:

- 3A. Finishing and polishing of composite restoration.
- 3B. Sterilization of hand cutting instruments.
- 3C. Barrier protection in clinical practice.



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MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER II: CONSERVATIVE DENTISTRY

Tuesday, December 06, 2005

Time: 3 Hours

Maximum 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. Critically evaluate dentin bonding agents.
2. Evaluate the characteristics of healthy functional occlusion and factors that may cause disturbance of the same.
3. Analyze the concepts of pins in restorative dentistry.



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MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: ENDODONTICS

Wednesday, December 07, 2005

Time : 3 Hours

Maximum 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. How do you manage calcified canals?
2. Describe pathogenicity and management of root end abscess.
3. Critically analyse the irrigant related mishaps in endodontics practices.



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**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE
EXAMINATION – DECEMBER 2005**

SUBJECT: PAPER IV: ESSAY

Thursday, December 08, 2005

Time: 3 Hours

Maximum Marks: 100

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- ✂ Questions carry equal marks
 - ✂ Illustrate your answers with diagrams, flow charts wherever appropriate.

Write essay on:

Discuss Casting Defects.

OR

Discuss Traumatic injuries of the teeth and their management.

