

MANIPAL UNIVERSITY**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION-APRIL 2014****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY INCLUDING ORAL MICROBIOLOGY, PHARMACOLOGY,
BIOSTATISTICS & RESEARCH METHODOLOGY AND APPLIED DENTAL MATERIALS**

Monday, April 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all the questions.**

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

✍ **Long Essays.**

1. Describe the importance of physical properties of dental cements in clinical practice.

(20 marks)

2. Pulp- Dentin complex.

(20 marks)

3. **Write short notes on:**

3A. Balanced diet

3B. C-shaped canals

3C. Ni-Ti alloys in endodontics

3D. Histopathology of dentinal caries

3E. Non parametric statistical tests of significance

(7×5 = 35 marks)



MANIPAL UNIVERSITY**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION-APRIL 2014****SUBJECT: PAPER II: CONSERVATIVE DENTISTRY**

Tuesday, April 08, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer all the questions.

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

✍ Long Essays.

1. Write on cutting mechanisms of hand and rotary instruments in operative dentistry.

(20 marks)

2. What are the recent advances in field isolation?

(20 marks)

3. Write short notes on :

3A. Metal to Ceramic bonding

3B. Materials for MID

3C. Tooth Separators

3D. Bonded Amalgam restorations

3E. Cavity preparation for DFG

(7×5 = 35 marks)



MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION-APRIL 2014

SUBJECT: PAPER III: ENDODONTICS

Wednesday, April 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all the questions.**

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

✍ **Long Essays.**

1. Explain internal anatomy of pulp space of maxillary molars.

(20 marks)

2. Management of luxation injuries in dental trauma.

(20 marks)

3. **Write short notes on :**

3A. Endodontic microsurgery

3B. Newer endodontic irrigants

3C. Endodontic evaluation of geriatric cases

3D. Ferrule in custom cast post & core

3E. Mechanism of action of bleaching materials

(7×5 = 35 marks)



MANIPAL UNIVERSITY**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION-APRIL 2014****SUBJECT: PAPER IV: ESSAY**

Thursday, April 10, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer only ONE question.
- ✍ Illustrate your answers with diagrams, flow charts wherever appropriate.
- ✍ Long Essay.

Discuss in detail wasting diseases of teeth and their management

OR

Access cavities in endodontics



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MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS) DEGREE EXAMINATION-APRIL 2014

SUBJECT: PAPER IV: ESSAY

Thursday, April 10, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer only ONE question.
- ✍ Illustrate your answers with diagrams, flow charts wherever appropriate.
- ✍ Long Essay.

Discuss in detail wasting diseases of teeth and their management

OR

Access cavities in endodontics

