

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION  
MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)  
DEGREE EXAMINATION – JUNE 2018

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

Monday, June 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. What are the clinical implications of micro leakage in restorative dentistry? Write on the methods to assess micro leakage.

(6+14 = 20 marks)

2. Write on the composition of Glass Ionomer Cement. Write on newer Glass Ionomer cements.

(10+10 = 20 marks)

3. Write short answers on:

3A. Properties of Pure Gold restorations

3B. Anterior Guidance in Restorative Dentistry

3C. Role of Biologic width in Restorative Dentistry

3D. Mercury Toxicity

3E. Casting Machines

(7 marks × 5 = 35 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)**  
**DEGREE EXAMINATION – JUNE 2018**

**SUBJECT: PAPER II: CONSERVATIVE DENTISTRY**

Tuesday, June 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer ALL the questions.  
✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Restorative and periodontal interrelationship. (20 marks)
  
2. Lasers in restorative dentistry. (20 marks)
  
3. Write Short answers on:
  - 3A. Caries risk assessment.
  - 3B. Management of dentinal hypersensitivity.
  - 3C. Clinical significance of occlusion in restorative dentistry.
  - 3D. Recent advances in the detection of dental caries.
  - 3E. Tooth preparation for composite resin restorations.

(7 marks × 5 = 35 marks)



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION  
MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)  
DEGREE EXAMINATION – JUNE 2018

SUBJECT: PAPER III: ENDODONTICS

Wednesday, June 06, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. What is Single Visit Endodontics? Write on the success and failures of Single Visit Endodontic treatment.

(6+14 = 20 marks)

2. What is chemo mechanical preparation of root canal? Write on materials used for irrigating the pulp space.

(6+14 = 20 marks)

3. Write Short answers on:

3A. Microscopes in Endodontics.

3B. Carrier based gutta-percha Obturation.

3C. Invasive Cervical Resorption.

3D. Root End Restorative Materials.

3E. Forced Eruption or Extrusion.

(7 marks × 5 = 35 marks)



Reg. No. 

--	--	--	--	--	--	--	--	--	--

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)**  
**DEGREE EXAMINATION – JUNE 2018**

**SUBJECT: PAPER IV: ESSAY**

Thursday, June 07, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write essay on:

1. Minimal intervention dentistry.

OR

2. Periapical pathosis.

(75 Marks)

