

MANIPAL UNIVERSITY

MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)
DEGREE EXAMINATION–APRIL 2015

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

Monday, April 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

1. Describe the sequence of development of tooth. (20 marks)
2. Discuss saliva and dental caries. (20 marks)
3. Write short answers on:
 - 3A. Endodontic microbiota
 - 3B. Syncope in dental clinics
 - 3C. Mercury toxicity
 - 3D. Evidence based dentistry
 - 3E. Developmental anomalies of the teeth(7 marks × 5 = 35 marks)



MANIPAL UNIVERSITY**MDS (CONSERVATIVE DENTISTRY AND ENDODONTICS)
DEGREE EXAMINATION–APRIL 2015****SUBJECT: PAPER II: CONSERVATIVE DENTISTRY**

Tuesday, April 07, 2015

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 wasting diseases of teeth? Write in detail on management of generalized Attrition.
(6+14 = 20 marks)

2. What are the indications of Cast restorations? Write on basic concept and principles of cavity design for cast restorations.
(8+12 = 20 marks)

3. **Write short answers on:**

3A. Biomechanics of Class V restorations

3B. Biodentin

3C. Rapid separation

3D. Diagnosis of proximal Caries

3E. Castable Ceramics

(7 marks × 5 = 35 marks)



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SUBJECT: PAPER III: ENDODONTICS

Wednesday, April 08, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

1. Resin based root canal sealers. (20 marks)

2. Novel smear layer removal agents. (20 marks)

3. Write short answers on:
 - 3A. Monoblock effect
 - 3B. Diagnosis of periapical cyst
 - 3C. Devices used for agitation of root canal irrigants
 - 3D. Management of vertical root fracture
 - 3E. Flap designs for periapical surgery(7 marks × 5 = 35 marks)



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SUBJECT: PAPER IV: ESSAY

Thursday, April 09, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write on:

1. Microscopes in Endodontics

OR

2. Discuss in detail on post endodontic restorations.

(75 marks)

