

[KD 362] **APRIL 2001**

M.D.S. DEGREE EXAMINATION

Branch III — Conservative Dentistry

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. How do you estimate the canal curvature?
Describe the management of curved root canals. (25)
 2. Discuss your view on single visit endodontics. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Laser doppler flowmetry.
 - (b) Profile 29 series.
 - (c) Microscopes in endodontics
 - (d) Flap designs in endodontics
 - (e) Apical delta.
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NOVEMBER 2001

[KE 362]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Part II

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss hand instrumentation and compare it with automated instruments in root canal preparation.
(25)
 2. Describe the various design features of root canal cleaning and shaping instruments and discuss their relative efficacy.
(25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Balanced Force Technique
 - (b) Treatment for Dentin Hypersensitivity
 - (c) Intentional Replantation
 - (d) Walking Bleach
 - (e) Types of Root canal obturating materials.
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[KG 362]

MARCH 2002

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch III — Conservative Dentistry

Part II

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the composition, properties and biocompatibility of various root canal sealers. (25)
 2. Discuss the recent trends in instrumentation procedures in root canal treatment. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Root canal irrigants.
 - (b) Cracked tooth syndrome
 - (c) Endodontic implants.
 - (d) Retrograde amalgams.
 - (e) Endosonics.
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SEPTEMBER 2002

[KH 362]

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch III — Conservative Dentistry

Part II

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss on endodontic Microbiology and the reaction of pulp and peri radicular tissues to bacteria.

(25)

2. Critically discuss the utility of ultra sonics and sonics in endodontics.

(25)

3 Write briefly on :

(5 × 10 = 50)

(a) Healing after endodontic procedure

(b) Differential diagnosis of pain originating from and around the teeth

(c) Role of Antibiotics in endodontics

(d) Root resorption in permanent dentition and its management

(e) Rapid Steralizers

APRIL 2003

[KI 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss in detail and critically evaluate the various methods of determination of working length. (25)
 2. Describe the merits and demerits of evaluation technique which diagnose the pulp status? Add a note on recent advances in this aspect. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Flexible files
 - (b) Endodontic Triad
 - (c) Principles of preparation of Endodontic entry
 - (d) Trifecta technique
 - (e) Splinting in Endodontics.
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OCTOBER 2003

[KJ 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — CONSERVATIVE DENTISTRY

Paper III — ENDODONTIA

Time : Three hours. Maximum : 100 marks

**Theory : Two hours and forty Theory : 80 marks
minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions on the
first page of M.C.Q. booklet.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay : (2 × 15 = 30)

- 1. Critically evaluate rotary instruments and hand instruments in cleaning and shaping.**
- 2. Discuss Bleaching vital as well as non-vital.**

3. Short answers : (10 × 5 = 50)

- (1) Iatrogenic problems in endodontics.**
- (2) What is the concept of 3 R. in post endodontic restorations. How does the 3 R help in achieving it?**
- (3) Visualisation endogram.**
- (4) RVG.**
- (5) Ekta speed (E-speed) and ultraspeed or (D-speed).**
- (6) Microsurgical endodontics.**
- (7) Intra canal medicaments.**
- (8) Obturation of root canal.**
- (9) Recent advances in Obturation.**
- (10) Cleaning and shaping.**

APRIL 2004

[KK 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — CONSERVATIVE DENTISTRY

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL the questions.

A. Long Essay :

(2 × 15 = 30)

(1) Critically evaluate single visit endodontics.

**(2) Enumerate clinical diagnostic methods
including recent advertisements.**

B. Short notes :

(10 × 5 = 50)

**(1) Digital radiographic techniques for
endodontics.**

**(2) Thermo Mechanical methods of root canal
obstruction.**

(3) Perforation and their management.

(4) Use of LASER in Biomechanical preparation

(5) Irrigants in endodontics

**(6) Determination of working length by
electronic apex locators**

(7) Newer rotary root canal preparation system

(8) Pain control in endodontics

(9) Irreversible-pulpitis

(10) Guided tissue regeneration in endodontics.

AUGUST 2004

[KL 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Theory : Two hours and forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay Questions.

 $(2 \times 15 = 30)$

(1) Discuss procedural accidents in endodontics and their management.

(2) Development of root canal instruments and instrumentation.

II. Short notes on :

(10 × 5 = 50)

(a) Apex locators.

(b) Recent trends in the use of intracanal medication.

(c) Ultrasonic root end preparation.

(d) Biomechanical preparation of root canals with laser.

(e) Thermomechanical compaction technique of obturation with gutterpucha.

(f) Repair following endodontic surgery.

(g) Treatment of root fracture.

(h) Methods of sterilization of endodontic instruments.

(i) Endogrems

(j) Digital imaging systems used in Endodontics.

FEBRUARY 2005

[KM 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

**(1) Discuss in detail restoration of the
endodontically treated tooth.**

**(2) Indications, contraindications and techniques
involved in surgical endodontics.**

II. Write short notes on : (10 × 5 = 50)

**(a) Endogenous and exogenous signalling
molecules.**

(b) Sterilization of endodontic instruments.

(c) Use of lasers in endodontics.

(d) Ceubke oschenbein flap.

(e) Nickel-Titanium instruments.

(f) Mineral trioxide aggregate.

**(g) Importance of access cavity preparation in the
Endodontic triad.**

(h) Importance of smear layer in endodontics.

(i) Endodontic-Periodontic inter relationship.

(j) Dentin softening agents.

SEPTEMBER 2006

[KP 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Enumerate and classify various Pulpal diseases. Write in detail about Ir-Reversible Pulpitis. (20)

(2) Write in detail about Root Canal irrigant's including recent advancements. (15)

(3) Post and Core-including recent advancements. (15)

II. Short notes :

(6 × 5 = 30)

(a) Endodontic implants.

(b) Apex Locator including the newer generation.

(c) Recent advancements in Endodontic Instruments.

(d) Importance of Radiographs and techniques in Endodontics.

(e) Microscope in Endodontics.

(f) Write in detail about Handpieces used in Endodontics.

MARCH 2007

[KQ 362]

Sub. Code : 2323

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

**(For candidates admitted from the academic year
1993-94 onwards)**

Paper III — ENDODONTIA

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions :

- 1. Describe Structure of periapex and healing after Endodontic procedure. (20)**
- 2. Describe in detail about single sitting root canal treatment. (15)**
- 3. Describe management of Pain and anxiety during Endodontic treatment. (15)**

II. Short Notes :

(6 × 5 = 30)

- (a) Files**
 - (b) Non Vital Bleaching**
 - (c) Smear Layer**
 - (d) MTAD in Endodontics**
 - (e) Various generations of apex locators**
 - (f) Fiber-Post.**
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