

MARCH 2007

[KQ 416]

Sub. Code : 2411

M.D.S. DEGREE EXAMINATION.

Branch III — Conservative Dentistry

(Candidates admitted from 2004–05 onwards)

Paper III — ENDODONTICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Classify traumatic injuries to teeth. What are the possible sequence of a severely traumatized adult central incisor which is not fractured? Discuss emergency and long term treatment. (20)

(2) Discuss the new diagnostic methods of testing pulp vitality. (15)

(3) Discuss the relative merits and demerits of various intracanal medicaments. (15)

II. Short notes : (6 × 5 = 30)

(a) Uses of MTA in endodontics.

(b) Double seal and its significance.

(c) Sequence of replantation.

(d) Use of CT in endodontics.

(e) Growth of cysts.

(f) Endodontic endosseous implants.

MARCH 2008

[KS 368]

Sub. Code : 2411

M.D.S. DEGREE EXAMINATION.

Branch III — Conservative Dentistry

(Candidates admitted from 2004-05 onwards)

Paper III — ENDODONTICS

Q.P. Code : 242411

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Write essays : ($2 \times 20 = 40$)

- (1) Discuss the various bleaching agents. Discuss management of vital discoloured teeth.
- (2) Describe recent advances in cleaning and shaping of Root Canal system.

II. Short notes :

($6 \times 10 = 60$)

- (1) Uses of microscopes in Endodontics.
 - (2) Discuss Root Canal sealers used in Endodontics.
 - (3) Methods of sterilization in Endodontics.
 - (4) Management of Root Fracture.
 - (5) Recent advances in obturation.
 - (6) Apex locaters.
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September 2008

[KT 368]

Sub. Code: 2411

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III – CONSERVATIVE DENTISTRY

(For Candidates admitted from 2004-2005 onwards)

Paper III – ENDODONTICS

Q.P. Code : 242411

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss in detail the role of calcium hydroxide in endodontics.
2. Traumatic injuries and management.

II. Write short notes on :

(6 X 10 = 60)

1. Intracanal medicaments.
 2. Access cavity preparation.
 3. Success and failures in endodontics.
 4. Endodontic Implants.
 5. Relevance of multiple visits in modern endodontics.
 6. BMP and obturation of curved root canals.
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March 2009

[KU 368]

Sub. Code: 2411

M.D.S. DEGREE EXAMINATION

Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper III – ENDODONTICS

Q.P. Code : 242411

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions : (2 x 20 = 40)

1. Diagnostic procedures in endodontics. Add a note on recent advances.
2. Restoration of endodontically treated teeth.

II. Write short notes on : (6 x 10 = 60)

1. Working length determination.
2. Endodontic emergencies.
3. Root canal irrigants.
4. Endodontic – periodontal lesions.
5. Radiology in endodontics.
6. Discuss diagnosis of root fracture and its management.

March 2010

[KW 368]

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper III – ENDODONTICS

Q.P. Code : 242415

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions : (2 x 20 = 40)

1. Discuss obturation techniques and materials.
2. Classify Ellis fractures and discuss root fractures in detail.

II. Write short notes on : (6 x 10 = 60)

1. Apex locators.
2. Periapical pathology and immunologic consideration in endodontics.
3. Discuss micro – organisms in the root canal.
4. Discuss lateral and accessory canals.
5. Role of calcium – Hydroxide.
6. Intracanal medicaments.

September 2010

[KX 368]

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper III – ENDODONTICS

Q.P. Code : 242415

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(2 x 20 = 40)

1. Cleaning, shaping and obturation of difficult to treat root canals.
2. Discuss Endo perio lesions and its management.

II. Write short notes on :

(6 x 10 = 60)

1. Management of large peri apical cyst.
2. Modern strategies in root canal disinfection.
3. Resilon as an obturating material.
4. Advances in modern endodontic microsurgery.
5. Ultrasonics in endodontics.
6. Importance of apical width in endodontics.

October 2011

[KZ 368]

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER III – ENDODONTICS

Q.P. Code : 242415

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages	Time	Marks
	(Max.)	(Max.)	(Max.)
1. Monoblock concept in Endodontics.	6	18	10
2. Digital imaging systems.	6	18	10
3. Root resorption.	6	18	10
4. Recent developments in root canal irrigants.	6	18	10
5. FRC Posts.	6	18	10
6. Sterilization of Endodontic instruments.	6	18	10
7. Microbial mechanisms involved in etiology of Endodontic. flare ups.	6	18	10
8. Relevance of multiple visits in modern Endodontics.	6	18	10
9. Core materials for obturation.	6	18	10
10. Healing after Endodontic procedures.	6	18	10

April 2012

[LA 368]

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Biomechanics of Post retained restorations.	7	18	10
2. Retrofilling materials.	7	18	10
3. Bioactive glass.	7	18	10
4. Vertical root fractures.	7	18	10
5. Apexification.	7	18	10
6. Perforation & its management.	7	18	10
7. Conservative attitudes in Endodontics.	7	18	10
8. Smear layer.	7	18	10
9. Role of Radiographs in Endodontic diagnosis.	7	18	10
10. Endodontic Biofilm.	7	18	10

[LB 368]

OCTOBER 2012

Sub. Code: 2415

**M.D.S. DEGREE EXAMINATION
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER III – ENDODONTICS**

Q.P. Code : 242415

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the various diagnostic tools for assessing the pulpal blood flow.	7	18	10
2. Mid-treatment flare-ups and its management.	7	18	10
3. External cervical resorption.	7	18	10
4. Define Ledge. Discuss its causes and management.	7	18	10
5. Transient apical periodontitis.	7	18	10
6. Rake angle in endodontics.	7	18	10
7. Cracked tooth syndrome.	7	18	10
8. Ferrule.	7	18	10
9. Digital technology in endodontic practice.	7	18	10
10. Write a note on agitation techniques in irrigation of root canal.	7	18	10

[LC 368]

APRIL 2013

Sub. Code: 2415

**M.D.S. DEGREE EXAMINATION
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER III – ENDODONTICS**

Q.P. Code : 242415

Time : 3 hours

Maximum : 100 marks

(10x10=100)

1. Passive ultrasonic irrigations.
2. Write in detail the apical 3rd anatomy of the root canal and its implications in root canal treatment.
3. Discuss the current concepts and controversies in single-visit endodontics.
4. Double-seal.
5. Speed and Torque in endodontics.
6. Define perforation. Discuss the various treatment modalities for its management.
7. Discuss Wound healing after Periapical surgery.
8. Apex locators.
9. Guaging and Tuning.
10. Root canal obturating materials.

[LD 368]

OCTOBER 2013

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER III – ENDODONTICS

Q.P. Code : 242415

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

(10 x 10 = 100)

1. Biomechanics of post retained restorations.
2. Retro filling materials
3. Bioactive glass
4. Vertical root fracture
5. Apexification
6. Perforation & its management
7. Conservative attitudes in Endodontics
8. Smear layer
9. Role of radiographs in Endodontic diagnosis
10. Endodontic Biofilm.

[LE 368]

APRIL 2014

Sub. Code: 2415

**M.D.S. DEGREE EXAMINATION
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER III – ENDODONTICS**

Q.P. Code : 242415

Time : 3 hours

Maximum : 100 marks

(10x10=100)

1. Monoblock concept in Endodontics.
2. Digital imaging systems.
3. Root resorptions.
4. Recent developments in root canal irrigation.
5. FRC posts.
6. Sterilization of Endodontic instruments.
7. Microbial mechanisms involved in aetiology of Endodontic flare ups.
8. Relevance of multiple visits in modern Endodontics.
9. Core materials for obturation.
10. Healing after Endodontic procedures.

[LF 368]

OCTOBER 2014

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Recent developments in bleaching materials.
2. Biodentine.
3. Methodologies to detect canal curvatures.
4. Root Resorption.
5. Pain control in root canal treatment.
6. Working width and its clinical significance.
7. Merits and demerits of intracanal medicaments.
8. Define Ledge. Discuss its causes and management.
9. Microbial mechanisms involved in etiology of Endodontic flare ups.
10. Critical appraisal of Calcium hydroxide in Endodontics.

[LG 368]

APRIL 2015

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

Time: Three Hours

Maximum: 100 marks

(10 x 10 = 100)

1. Core Materials for Obturation.
2. Root Perforations and its management.
3. Smear layer in Endodontics.
4. Retrofilling materials.
5. Apex locators.
6. Photodynamic therapy in Endodontics.
7. Limitations of Rotary Endodontic instruments.
8. Recent developments in vitality testing of tooth.
9. Management of complicated crown-root fracture.
10. Role of Herbs in Endodontics.

[LH 368]

OCTOBER 2015

Sub. Code: 2415

M.D.S. DEGREE EXAMINATION

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Role of LASER in Endodontics.
2. Iatrogenic errors in root canal treatment and its management.
3. Avulsion and its management.
4. Root canal irrigation devices.
5. Management of broken instruments in root canals.
6. Merits and demerits of Rotary Endodontics.
7. Coronal seal Vs Apical seal.
8. Endodontic Biofilm.
9. Healing after Endodontic treatment.
10. Newer root canal sealers.

[LI 368]

JUNE 2016

Sub. Code: 2415

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted up to the Academic Year 2012-2013 only)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Write in detail the role of CBCT.
2. Bioceramic Sealer.
3. Pulp sensibility test.
4. Scaffolds in Regenerative Endodontics.
5. Passive ultrasonic irrigation.
6. Management of Horizontal root fracture.
7. Emergency treatment for “Hot Tooth”.
8. Accessory canals and their clinical significance.
9. Newer philosophies of replantation.
10. Diagnosis and the management of Invasive cervical resorption.

[LJ 368]

OCTOBER 2016

Sub. Code: 2415

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted up to the Academic Year 2012-2013 only)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER III – ENDODONTICS

Q.P. Code : 242415

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Discuss in detail Root canal configurations and their clinical relevance.
2. Role of ferrule in post endodontic restorations.
3. Management of avulsed maxillary central incisor for an open apex tooth.
4. Pro Taper Retreatment files.
5. Calcium hydroxide as Intra canal medication.
6. Biofilms and apical periodontitis.
7. Root canal width.
8. Management of Root Resorptions.
9. Indications for Periapical surgery.
10. Laws of access cavity preparation.
