

**MARCH 2007**

**[KQ 395]**

**Sub. Code : 2412**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch III — Conservative Dentistry**

**(For candidates admitted from the Academic year  
2004-2005 onwards)**

**Paper IV — RECENT ADVANCES IN  
CONSERVATIVE DENTISTRY**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**Long Essay : (4 × 25 = 100)**

- 1. Describe the advancement and extended use of Glass Ionomer cements.**
  - 2. Discuss the newer diagnostic technique in endodontics in detail.**
  - 3. The role of laser in conservation Dentistry – Discuss.**
  - 4. Discuss the relative merits and demerits of the different instruments used for the root canal instrumentation.**
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**MARCH 2008**

**[KS 371]**

**Sub. Code : 2412**

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

(For candidates admitted from the Academic year  
2004–2005 onwards)

Paper IV — RECENT ADVANCES IN CONSERVATIVE  
DENTISTRY

**Q.P. Code : 242412**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagram's wherever necessary.

- I. Write Essays : (4 × 25 = 100)
1. Smear layer and sixth generation bonding systems.
  2. Recent advances in caries diagnosis.
  3. Endodontic surgeries.
  4. Newer trends in esthetic dentistry.
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**September 2008**

**[KT 371]**

**Sub. Code: 2412**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch III – CONSERVATIVE DENTISTRY**

**(For Candidates admitted from 2004-2005 onwards)**

**Paper IV – RECENT ADVANCES IN CONSERVATIVE  
DENTISTRY**

***Q.P. Code : 242412***

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(4 X 25 = 100)**

1. Rotary Nickel Titanium instruments in endodontics.
  2. Recent developments in glass ionomer cements.
  3. Modern methods of detecting endodontic microflora.
  4. Recent trends in working length determination.
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**March 2009**

**[KU 371]**

**Sub. Code: 2412**

**M.D.S. DEGREE EXAMINATION**

**Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**(Revised Regulations)**

**(For Candidates admitted from 2004 - 2005 onwards)**

**Paper IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242412*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(4 x 25 = 100)**

1. Endodontic surgeries.
2. Impression procedures in conservative dentistry.
3. Recent advances in root canal instrumentation.
4. Lasers in conservative dentistry.

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**March 2010**

**[KW 371]**

**Sub. Code: 2416**

**M.D.S. DEGREE EXAMINATION**

**Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**(Revised Regulations)**

**(For Candidates admitted from 2004 - 2005 onwards)**

**Paper IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(4 x 25 = 100)**

1. Recent developments in composite resin.
2. Recent trends in management of hypersensitive teeth.
3. Recent advances in restorations of Endodontic treated tooth.
4. Advances in root canal instruments and instrumentation.

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**September 2010**

**[KX 371]**

**Sub. Code: 2416**

**M.D.S. DEGREE EXAMINATION**

**Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**(Revised Regulations)**

**(For Candidates admitted from 2004 - 2005 onwards)**

**Paper IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(4 x 25 = 100)**

1. Discuss the modern methods of detecting endodontic microflora.
2. Describe the various methods of obturating the root canal, with emphasis on the recent advancement.
3. Evaluate the present status of anterior restorations.
4. Evaluate metallic and non-metallic inlays and onlays.

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October 2011

[KZ 371]

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

**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. Recent advances in molecular diagnostic aids in endodontics. | 15 | 45 | 25 |
| 2. Ozone and its application in endodontics.                    | 15 | 45 | 25 |
| 3. Current methods of caries prevention.                        | 15 | 45 | 25 |
| 4. Self etching adhesives.                                      | 15 | 45 | 25 |

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[LA 371]

APRIL 2012

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Discuss the objectives and rationale of Endodontic MICROSURGERY.	18	45	25
2. Current perspectives on Post Systems.	18	45	25
3. Role of Lasers in restorative and endodonti procedures.	18	45	25
4. Recent Advances in Intracanal Medicaments.	18	45	25

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[LC 371]

APRIL 2013

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

**Time : 3 hours**

**Maximum : 100 marks**

**(4x25=100)**

1. Critically analyse about the cavo surface treatment for various restorations.
2. Discuss about the current strategies of caries prevention and management.
3. Write about Surgical Endodontics with emphasis on recent developments.
4. Describe in detail about development of Rotary Endodontics.

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[LD 371]

OCTOBER 2013

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code : 242416*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

**(4 x 25 = 100)**

1. Discuss about recent advances in Dentin bonding agents.
2. Critically evaluate modern ceramics as restorative materials.
3. Write in detail about LASERS in Endodontics.
4. Regenerative Endodontics.

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[LE 371]

APRIL 2014

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**  
**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**  
**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code: 242416*

**Time : 3 hours**

**Maximum : 100 marks**

**(4x25=100)**

1. Discuss the recent concepts in early caries management.
2. Discuss mineral Trioxide aggregate as a BIO-active material.
3. Discuss the role of digital technology in Endodontic diagnosis.
4. Discuss the parts and design of Nickel Titanium rotary files. Add a note on self-adjusting files.

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[LF 371]

OCTOBER 2014

Sub. Code: 2416

**M.D.S. DEGREE EXAMINATION**

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**PAPER IV – RECENT ADVANCES IN CONSERVATIVE DENTISTRY**

*Q.P. Code: 242416*

**Time : 3 Hours**

**Maximum : 100 Marks**

**(4 x 25 = 100)**

1. Discuss about the minimal invasive dentistry in relation to restorative procedures.
2. Discuss in detail about the modern ceramic materials.
3. Discuss about Endo Perio lesions and its management.
4. Critical appraisal of Digital imaging systems in Restorative Dentistry and Endodontics.

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