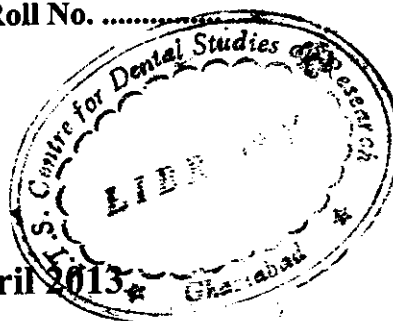


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Roll No. ....

MDS-III

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M.D.S. Dental College Hospital & Research Centre  
47, Knowledge Park-II, Greater Noida  
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**M. D. S. Examination, April 2013**

**CONSERVATIVE & INDODONTICS**

**Paper-I**

**Applied Anatomy, Physiology Pathology & Dental Materials**

**(MDS-09)**

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt all questions. Draw diagrams where necessary.*

1. Define Occlusion. Discuss its importance in conservative dentistry. 20
2. Discuss in detail the methods of testing biocompatibility of materials used in conservative dentistry. Also elaborate briefly about recent advancement in composite resins. 20

(2)

3. Write short notes on the following:  $5 \times 7 = 35$

- (a) Biologic width and its importance in restorative dentistry
- (b) Role of antimicrobial agents in caries prevention
- (c) Cellular and Acellular Cementum
- (d) Ergonomics in conservative dentistry
- (e) Calcium and Phosphate Metabolism.

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MDS-III

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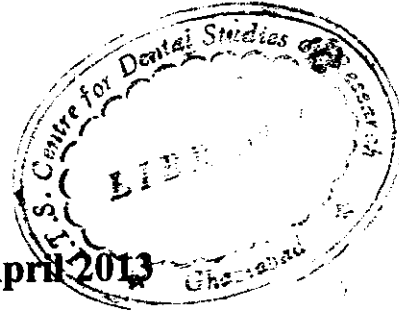
**M. D. S. Examination, April 2013**

**CONSERVATIVE & ENDODONTICS**

**Paper-II**

**Conservative Dentistry & Aesthetic Dentistry**

**(MDS-010)**



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47, Knowledge Park-II, Gurgaon

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt all questions. Draw diagrams where necessary.*

1. Discuss in detail the different ceramic systems used for indirect tooth coloured restorations. 25
2. Discuss in details the different methods of tooth isolation during restorative procedures. 25

(2)

3. Discuss the following :

5×5=25

- (a) Diagnostic features of pit and fissures and smooth surface caries.
- (b) C-factors related to polymerization shrinkage in composite
- (c) Principle behind setting and adhesion of GIC
- (d) Importance of rake angle in bur blade design
- (e) Shade selection of dental composites.

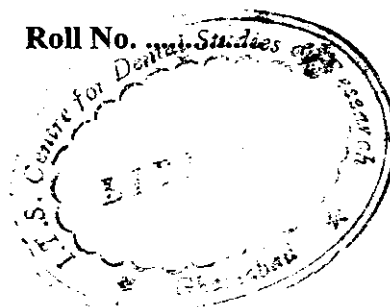
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MDS-III Year

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**M. D. S. Examination, April 2013**

**CONSERVATIVE DENTISTRY & ENDODONTICS**

**Paper-III**

**Endodontics**

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**(MDS-011) Dental College Hospital & Research Centre**  
47, Knowledge Park-II, Gurgaon, Haryana

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt all questions.*

1. Discuss the advances in diagnostic aids in endodontics. 25
2. Discuss retreatment in endodontics. 25

(2)

3. Discuss the following :

5×5=25

- (a) Magnification in endodontics
- (b) Lasers in endodontics
- (c) Root canal anatomy of mesial root of mandibular first molar
- (d) Biomechanics of ferrule in post and core
- (e) Pulpal pressure.

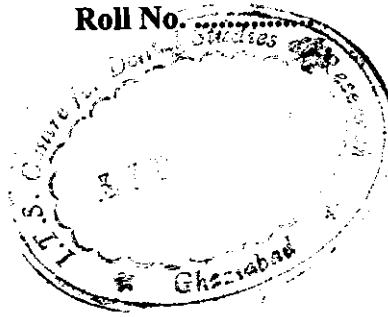
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MDS-III

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M. D. S. Examination, April 2013

CONSERVATIVE & ENDODONTICS

Paper-IV

Essay

**IBS Dental College Hospital & Research Centre**  
49, Knowledge Park-III, Greater Noida  
(MDS-012)

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt any one of the questions following.*

1. Discuss regenerative endodontics. 75

Or

Discuss non-carious defects of tooth.

60