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(20514)

Roll No.

MDS-III

5343

M.D.S. Examination, May 2014

CONSERVATIVE & ENDODONTICS

Paper-I

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

(MDS-009)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt all questions. Draw diagrams
where necessary.

1. Discuss the physiology of saliva, composition clinical significance with stomatognathic apparatus. 20
2. Define sterilization, disinfection & asepsis. Discuss different infection control procedure and

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recent advancements in sterilization and disinfection.

20

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

- (a) Role of enamel Rods in Restorative Dentistry
- (b) Ethical considerations of Research
- (c) Gate Control Theory of pain
- (d) Laser fluorescence in caries diagnosis
- (e) Discuss microbiology of enamel, dentin and Root caries

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CONSERVATIVE & ENDODONTICS

Paper-II

Conservative Dentistry & Aesthetic Dentistry

(MDS-010)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt all questions. Draw diagrams where necessary.

1. Discuss in details the concept of dental adhesion and the various bonding generations developed till date. 25
2. Discuss in details the steps of tooth preparation for class-II inlay Cavity in upper right first molar with mesial marginal ridge involvement. 25

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3. Discuss the following :

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- (a) Objective of pulp protection.
- (b) Design characteristics of a rotary cutting instrument.
- (c) Basic principles behind setting and adhesion of GIC.
- (d) Types of Gold alloy for Casting.
- (e) Dislodging forces on Class-II inlay in mandibular molar tooth.

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M.D.S. Examination, May 2014

**CONSERVATIVE DENTISTRY &
ENDODONTICS**

Paper-III

Endodontics

(MDS-011)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt **all** questions.

1. Discuss in detail Retrieval of broken instrument from Root Canal. 25
2. Discuss role of lasers in Endodontics. 25
3. Discuss :
 - (a) E. Fecalis in Endodontics 5
 - (b) Ni-Ti files 5

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- (c) Ozone in Endodontics
- (d) Retrograde Restoration
- (e) Vertical Root Fracture

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M.D.S. Examination, May 2014

CONSERVATIVE DENTISTRY &

ENDODONTICS

Paper-IV

Essay

(MDS-012)

Time : Three Hours]

[Maximum Marks : 75

Note: Write an essay on any **one** of the following topics:

1. Discuss Regenerative Endodontics. 75

OR

Discuss Adhesion in Restorative Dentistry.

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