

(20413)

Roll No. ....

MDS-III

LIBRARY  
TS Dental College Hospital & Research Centre  
47, Knowledge Park-MI, Greater Noida  
5355



M. D. S. Examination, April 2013

**PEDODONTICS & PREVENTIVE DENTISTRY**

**Paper-I**

**Applied Anatomy, Physiology, Pathology, Microbiology,**

**Nutrition & Dietics**

**(MDS-021)**

*Time : Three Hours]*

*[Maximum Marks : 75*

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

1. Define growth and development. Describe in detail pre and postnatal development of mandible. 25

(2)

2. Write an essay on topographical anatomy of parotid gland, its development, histology and relations. 25
3. Describe in brief the following : 5×5=25
  - (a) Mechanism of blood clotting
  - (b) Growth Hormones
  - (c) Recombinant DNA technology and gene therapy
  - (d) Cell mediated immunity
  - (e) Protein synthesis.

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MDS-III

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ITS Dental College Hospital & Research Centre  
47 Knowledge Park-III, Gurgaon, Haryana  
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Roll No.



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

**Pedodontics & Preventive Dentistry**

**Paper-II**

**Clinical Paediatric Dentistry**

**(MDS-022)**

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt all questions.*

1. Discuss in detail the biochemical effects of  $\text{Ca}(\text{OH})_2$  as a root canal medicament with special reference to its use in Apexification procedure. Give an insight into the recent trends for Apexification. 25

(2)

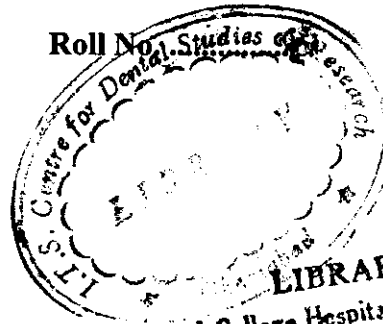
2. Define and classify Child Abuse. Discuss in detail the types of Child Abuse. 25
3. (a) When do you want to regain space in mixed dentition ? Discuss various space regainers used in children. 13
- (b) Replantation-latest concepts. 12

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MDS-III

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M. D. S. Examination, April 2013  
M.D.S. Centre for Dental Studies and Research  
47, Knowledge Park-III, Greater Noida

**Pedodontics & Preventive Dentistry**

**Paper-III**

**Preventive and Community Dentistry as Applied to**

**Paediatric Dentistry**

**(MDS-023)**

*Time : Three Hours]*

*[Maximum Marks : 75*

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

1. List various epidemiological studies conducted on dental carries in India. What is the clinical applicability of conducting such investigations? 25

(2)

2. Discuss the recent development in methods of dental health education used in control of dental diseases in the community. 25

3. Discuss the following : 13+12=25

- (a) Recent methods of detection of dental caries.
- (b) Role of various fluorides in prevention of dental caries in children.

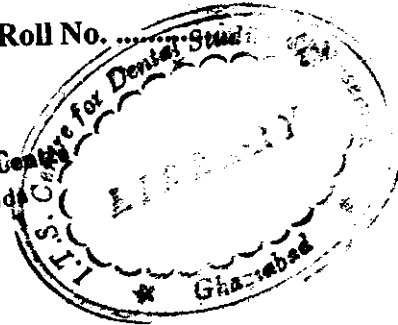
5337-2-60

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MDS-III

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47, Knowledge Park, Greater Noida  
5358



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

**PEDODONTICS AND PREVENTIVE DENTISTRY**

**Paper-IV**

**Essay**

**(MDS-024)**

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt any one question. Draw diagrams where necessary.*

1. Genetics and Paediatric Dentistry.

75

**Or**

Lasers in Paediatric Dentistry.

60

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Roll No. ....

M. D. S. III

**5356**

ITS Dental College Hospital & Research Centre  
47, Knowledge Park-III, Greater Noida

**M. D. S. (Supply.) Examination, Sept. 2013**

**PEDODONTICS & PREVENTIVE DENTISTRY**

**Second Paper**

**(Clinical Pediatric Dentistry)**

**(MDS-022)**

*Time : Three Hours]*

*[Maximum Marks : 75*

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

1. Discuss in detail the biochemical effects of  $\text{Ca(OH)}_2$  [Calcium Hydroxide] as a root-canal medicament with special reference to its use in the apexification procedure. Give an evolutionary insight of the same.
2. Critically evaluate the various systems of mixed dentition analysis and discuss its role as an interceptive measure.



( 2 )

3. Write in detail :

- (a) Cleft lip and palate and its team management
- (b) Nitrous oxide in pediatric dentistry.

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M. D. S. III

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**DB Dental College Hospital & Research Centre**  
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**M. D. S. (Supply.) Examination, Sept. 2013**

**PEDODONTICS & PREVENTIVE DENTISTRY**

**Third Paper**

**(Preventive & Community Dentistry as Applied  
to Pediatric Dentistry)**

**(MDS-023)**

*Time : Three Hours]*

*[Maximum Marks : 75*

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

1. What is dental health education ? Discuss the role of various audio-visual aids in education programme.
2. (a) Discuss cariogenicity of diet.  
(b) Sugar substitutes.

( 2 )

3. What are the various fluoride delivery methods ?  
What is to mechanism of action of various fluoride agents used in the toothpaste.

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TD Dental College Hospital & Research Centre  
49, G. K. Road, Park Road, Greater Noida

5358

M. D. S. (Spl.) Examination, Sept. 2013

**PEDODONTICS AND PREVENTIVE DENTISTRY**

**Fourth Paper**

**Essay**

**(MDS-024)**

*Time : Three Hours]*

*[Maximum Marks : 75*

*Note : Attempt question given below. Draw diagrams  
wherever necessary.*

1. Write an essay on :  
Various pulp therapies in children with special  
reference to the latest treatment modalities for  
pulpally involved young permanent teeth.