

I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2014 – 17

(CONS & ENDO)

Paper I

Applied Anatomy, Physiology, Pathology and Dental Materials

Time: Three Hours

Maximum Marks : 75

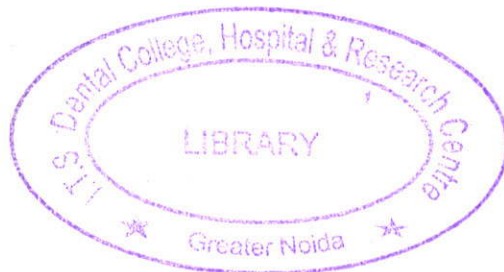
Note: Attempt all Questions. Draw Diagrams where necessary.

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

Write Short Notes on the following:

5X7=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



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2014 – 17

Paper II

Conservative Dentistry and Esthetic Dentistry

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 detail the different methods of tooth isolation during restorative procedures. 25

Write Short Notes on the following:

5X5=25

- (a) Diagnostic Features of pit and fissure caries and smooth surface caries.
- (b) C – factors related to polymerize 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 Composite



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination -- Batch 2014 – 17

Paper III

Endodontics

Time: Three Hours

Maximum Marks : 75

Note: Attempt all Questions. Draw Diagrams where necessary.

- | | |
|---|----|
| 1. Discuss in detail the advances in Diagnostic Aids in Endodontics | 25 |
| 2. Discuss retreatment in Endodontics | 25 |

Write Short Notes on the following:

5X5=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



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2014 – 17

(CONS & ENDO)

Paper IV

Essay

Time: Three Hours

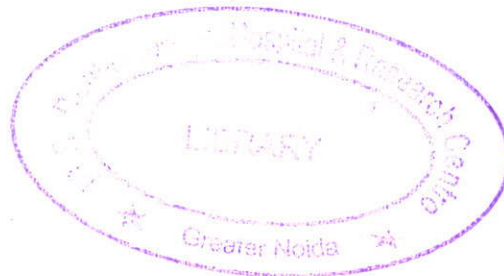
Maximum Marks : 75

Note: Attempt all Questions. Draw Diagrams where necessary.

Discuss Regenerative Endodontics

Or

Discuss non – Carious defects of teeth



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2015 – 18

Paper II

Conservative Dentistry and Esthetic Dentistry

Time: Three Hours

Maximum Marks : 75

Note: Attempt all Questions. Draw Diagrams where necessary.

2X25 = 50

1. Define Dental Caries. Write about its Etiology, Classification, Prevention and Management.
2. Define Inlay and Onlay Restoration. Discuss in detail the steps in Class II Gold Inlay Cavity preparation of Mesio – Occlusal Carious lesion in a Maxillary 1st Molar. Add a note on Circumferential Tie.

Write Short Notes on the following:

5X5=25

- (a) Role of Nanotechnology in Adhesive Dentistry
- (b) Laser Assisted Bleaching
- (c) Ormocer, Giomer and Ceromers
- (d) Indirect Composites
- (e) Types of Gold Alloy for Casting



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2015 – 18

Paper III

Endodontics

Time: Three Hours

Maximum Marks : 75

Note: Attempt all Questions. Draw Diagrams where necessary.

2X25 = 50

1. Discuss in detail the various Radiographic and Non – Radiographic methods of Working Length Determination in Endodontics
2. What are the various techniques of Biomechanical Preparation ? Write in detail about Crown Down Technique.

Write Short Notes on the following:

5X5=25

- (a) Pulp Vitality Tests
- (b) Apex Locators
- (c) E. faecalis in Endodontics
- (d) Biomechanics of Ferrule in Post and Core
- (e) Internal Root Resorption



I.T.S. Dental College and Hospitals

Greater Noida

M.D.S. Examination – Batch 2015 – 18

Paper IV

Essay

Time: Three Hours

Maximum Marks : 75

Note: Attempt all Questions. Draw Diagrams where necessary.

Discuss in detail Diagnosis in Endodontics with Emphasis on Recent Advances

Or

Discuss in Detail Recent Advances in the management of Discoloured Teeth



MDS EXAMINATION, SENT UP, 2022

(BATCH -2021)

CONSERVATIVE DENTISTRY&ENDODONTICS

PAPER –I

APPLIED ANATOMY,PHYSIOLOGY,PATHOLOGY&DENTAL MATERIALS

TIME:THREE HOURS

MAXIMUM MARKS:75

NOTE-ATTEMPT ALL QUESTIONS

1.Enumerate the theories of pain and trace the pain pathway from right lower molar to brain (25)

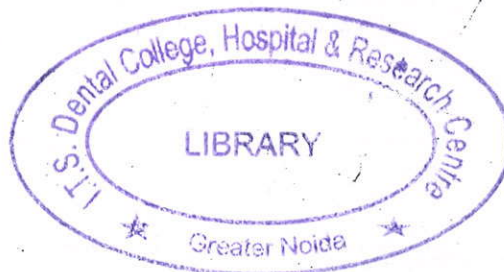
2.Discuss internal anatomy of the permanent molar teeth and its variable anatomy with its significance during endodontic treatment (25)

3. Write short notes on:

(a) Oral microflora (8)

(b) Functions of pulp (8)

(c) Recent development in GIC (9)



MASTER OF DENTAL SURGERY EXAMINATION, 2022

CONSERVATIVE DENTISTRY AND ENDODONTICS

MDS III YEAR

PAPER-II

25/04/2022, TIME: 9.30 AM TO 12.30 PM

CONSERVATIVE DENTISTRY AND AESTHETIC DENTISTRY

Time: 3 Hours

Max. Marks: 100

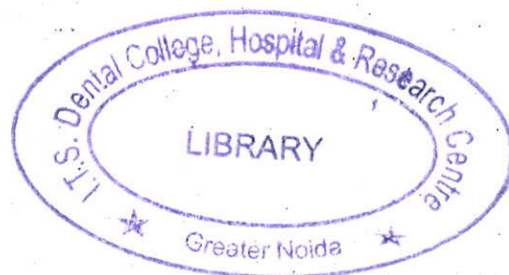
1. Question paper consists of 02 long questions carry 25 marks each and 05 short notes carrying 10 marks each.
2. Illustrate your answers with diagrams, flow charts wherever necessary.
3. Attempt all questions.

Long type questions:

1. Classify Non carious cervical lesions and write in detail about its management. (25)
2. Enumerate various treatments for discoloured teeth & discuss in detail about the veneers as a treatment modality for the same. (25)

Short notes:

3. Discuss the following (5× 10= 50)
 - (i) Smear layer and its role in bonding
 - (ii) Management of Hypersensitive dentin
 - (iii) Management of Gingival tissue during restorative procedure
 - (iv) Lasers in Operative dentistry
 - (v) Nanofillers in Composite resin



MASTER OF DENTAL SURGERY EXAMINATION, 2022
CONSERVATIVE DENTISTRY AND ENDODONTICS
2nd INTERNAL ASSESSMENT EXAM
MDS II YEAR, PAPER-I
CONSERVATIVE DENTISTRY

Time: 3 Hours

Max. Marks: 100

Note: Attempt all questions.

1. Discuss in detail steps for class II MO inlay cavity preparation for zirconia on mandibular first molar. (25)
2. Discuss composites with emphasis on recent advancements in esthetics. (25)
3. Diagnosis of Dental caries (10)
4. Bevels in operative dentistry (10)
5. Crack tooth syndrome (10)
6. Hypersensitivity (10)
7. Casting defect (10)

