Dr. KADC

67
13/9/90

1 9 9 0

Conservative

Third Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

Discuss dental cements in general with particular stress on "Glass Ionomer Cements".

Or

Discuss Amalgam restoration in general with particular reference to . High Copper Silver alloy.

Dental Institute of Dental Sciences & Research
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11/9/90

DS (M) II - Conservative - 1

1 9 9 0

Conservative

First Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Describe cavity prepn with illustrations for restoration of a labio-lingually thick Incison tooth, where the mesial angle is fractured. The fabrication procedure be explained in short, with the consideration of aesthesis as well.

2. Critically evaluate different tooth coloured restorative materials currently being used. Describe fabrication of inlay from composite resin for posterior tooth. Direct / indirect ?

3. Discuss significant studies in relation to dental caries. Give in short the different methods of prevention of dental caries.

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DS(M)II-Conservative-2

1990

CONSERVATIVE

Second Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss critically the recent improvements in endodontics armamentorium with regards to Biomechanical preparation.
2. Discuss critically role of calcium hydroxide and Formocresol in endodontics.
3. Discuss critically the various methods of determining the working length of a tooth in endodontia.

30/1/92

DS(II) Consequative Dentistry
Dentistry-3(Gr.III)

1 9 9 1
(December)
CONSERVATIVE DENTISTRY
Third Paper

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Biological Aspects of Dental Restorative Materials.

OR

Current development in clinical Endodontics.

Dental Sciences & Research
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CALCUTTA

DS(II)-Conservation Dentistry - 1 (Group-III)

1 9 9 1

(DECEMBER)

CONSERVATIVE DENTISTRY

First Paper

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable.

1. Discuss failures of cast restorations in conservative Dentistry.

2. Discuss noncarious lesions, prevention and treatment.

3. Write notes on (i) Exclusion of Moisture; (ii) Metal ceramic restoration ; (iii) Means of adhesions in composite Resin restorations.

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Calcutta
AC No 64
Book No
16/8/91

1991
(August).

CONSERVATIVE DENTISTRY

Third Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss treatment planning in (Pulpally involved teeth) Endodontics.

Or

Evolution of cavity cutting techniques.

Dr. Nilratan Institute of Dental Sciences & Research
Kolkata

Dr. R. Ahmed.

Dental College
Acc. No. 58
Book No. 13/8/91

DS(II)Conservative Dentistry-1

1991

(August)

CONSERVATIVE DENTISTRY

First Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss direct gold as a restoration for Class V cavities with special emphasis on principles of cavity preparation, instrumentation and manipulation of material.

2. Discuss the role of composite resins as aesthetic restorative material.

3. Discuss biological considerations in the context of present day operative procedures and restorative materials.

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CENTRAL
Panihati, Kolkata-700114

Periodical Received on 29/1/92

DS(II) Conservative Dentistry-
2/Gr.III

1991
December
~~(December)~~

CONSERVATIVE DENTISTRY

Second Paper

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

- Discuss different methods of Cleaning and Shaping Root Canal in the light of recent advances.
- Discuss Pros and Cons of "Single Visit Root Canal treatment."
- Discuss recent advances in Endodontic Instruments.

Central Library

Dr. R. Ahmed Dental College & Hospital
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Book No.

DS(II)Conservative
Dentistry -3

1991

(August)

Conservative Dentistry Endodontics

Second Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

Discuss the developments of endodontic instruments and other adjuncts applicable for diagnostic and therapeutic uses in endodontic practice.

Discuss restorative procedures in endodontically treated teeth.

Discuss surgical endodontics in the light of present day concept.

Calcutta National Institute of Dental Sciences & Research
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Dental College
5/3/92

1 9 9 2

CONSERVATIVE DENTISTRY

Third Paper

(Essay)

Full Marks-100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss technical and laboratory procedures in Cast inlays after tooth preparation by indirect method.

OR

Discuss failures of Root canal treatment ; their prevention and correction.

Medical College

Dental College ... Block No. 4/2/98 ... CALCUTTA

1 9 9 2

CONSERVATIVE DENTISTRY

Second Paper

Endodontics

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss the importance and interpretation of radiographic examination in Endodontic diagnosis and treatment.

2. Discuss influencing factors of systemic diseases related to Endodontic therapy and Surgery.

3. Discuss etiology and classification of fracture of teeth. Discuss the treatment plan.

Nehru Nehru Institute of Dental Sciences & Research ... CENTRAL LIBRARY ... Kolkata-700 114

11/1/94

1993(June)

CONSERVATIVE DENTISTRY

Third Paper

Full Marks : 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable.

1. Impression Techniques in restorative Dentistry.

OR

Resin as a restorative material.

Central Library

DS(II) Conservative-1

1993

CONSERVATIVE DENTISTRY

First Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss defects of casting.

2. Discuss the chemistry and manipulations of Glass donomer cement.

3. Discuss the mechanism of sensations in denture's and its management.

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Periodical Received on 12/5/98
C.A. CUTTA

Dr. R.A. Ahmed Dental Sciences & Research
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Dental College

1 9 9 3

CONSERVATIVE DENTISTRY

First Paper

Full Marks : 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss esthetic considerations in the non-carious destruction of teeth & their management.

2. Discuss critically variations in cavity design for gold inlay restoration.

3. Write notes on (a) Leser in operative dentistry
   (b) Root Caries
   (c) CAD- CAM- system.

Dental College & Research

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CALCUTTA

1998 DMS(11)-Conservative Dentistry.-2

CONSERVATIVE DENTISTRY

Second Paper

Full Marks : 100

The questions are of equal value.

Candidates are required to give their answers in their own words as far as practicable.

1. What is Endo dontic flare ups ? Discuss its causes & management.
2. Discuss various factors responsible for failure of root canal treatment.
3. Discuss problems of obstructed root canal & its management.

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Dental Colle... 30/1/05

1 9 9 4

CONSERVATIVE DENTISTRY

First Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Write in detail about the recent advances in detection, prevention & management of dental caries.

2. Discuss marginal integrity of different types of esthetic restorative material with special reference to its recent concept.

3. Discuss principles for restoration of badly broken down teeth.

Dental Sciences & Research CENTRAL LIBRARY Paulhati, Kolkata-700 114

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Book No.
CALCUTTA

1994

CONSERVATIVE DENTISTRY

Third Paper

(An Essay)

Full Marks-100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

Discuss contacts and contours in relation to Conservative Dentistry.

Or

Recent advances in dental amalgam.

Calcutta Institute of Dental Sciences & Research
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Uchhepota, Kolkata-700

1994

CONSERVATIVE DENTISTRY

Second Paper

(Endodontics)

Full Marks-100

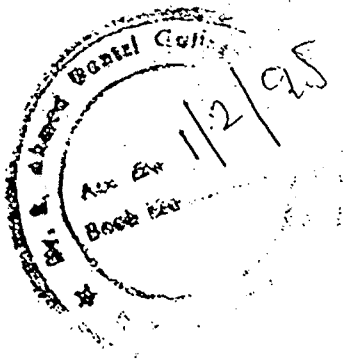
The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable.

1. Discuss in detail "Determination of working length" in endodontic practice, and mention the method of choice.

2. Write in detail about modern intra canal medicaments.

3. "Recent trends in biomechanical preparation"—Discuss.



Dental College & Hospital
17/5/95
CALCUTTA

1 9 9 5

CONSERVATIVE DENTISTRY

Third Paper

(An Essay)

Full Marks -100

Candidates are required to give their answers in their own words as far as practicable

1. Modern concepts of root canal preparation.

OR

Recent advances in Dental Amalgam.

Post Graduate Institute of Dental Sciences & Research
CENTRAL Library
Calcutta, Kolkata-700

1995

CONSERVATIVE DENTISTRY ENDODONTICS

Second Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss resarptions of tooth with management.

2. Discuss Giromatics in Endodontics.

3. Discuss what factors you would consider prior to surgical intervention in Endodontics.

Dental Institute of Dental Sciences & Research
CENTRAL LIBRARY
Kolkata

3/12/96

1996

CONSERVATIVE DENTISTRY

First Paper

Full Marks-100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss infection control in operative Dentistry.

2. Discuss Porcelain as an esthetic restoration.

3. Discuss dental caries in the light of etiology, histology, clinical features, prevention and control in short.

Central Library

1996 DSM-Conservative Dentistry-2

CONSERVATIVE DENTISTRY

Second Paper

Full Marks-100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss Emergencies and their managements.

2. Discuss through treatment planning and use of various modalities to arrive at the diagnosis in Endodontics.

3. Discuss structure and features of root apex and its significance in Endodontic, Therapy.

Dr. R. Ahmed Dental College & Hospital
Periodical Received on 5/12
CALCUTTA

CONSERVATIVE DENTISTRY

Third Paper

Full Marks-100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

9/12/96

1. Write essay on :-

Esthethic restorative materials.

Or

Casting alloys.

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Dr. RADC

Dr. R. Ahmed Dental College & Hospital
Periodical Received on 13/5/97
CALCUTTA

1997 DS(II) conservative Dentistry - 2

CONSERVATIVE DENTISTRY

Second Paper

Full Marks : 100

The questions are of equalvalue

1. Critically evaluate the use of modern gadgets in endo dentic biomechanical & abturation procedures.
2. Discuss pulpal desiases & their management.
3. Discuss the rationale of management of avulsed teeth.

Full Marks 100

The questions are of equal value

Candididates are required to give their answers in their own words as far as practicable

1. Permeability and age changes in dental tissue.

OR

Evaluation of cavity cutting technique.

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CALCUTTA

Central Institute of Dental Sciences & Research
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CALCUTTA

1998 DMS(I)-Conservative Dentistry-3

CONSERVATIVE DENTISTRY

Third Paper

Full Marks : 100

The questions are of equal value.

Candidates are required to give their answers in their own words as far as practicable.

Endodontic Emergency.

OR

Discuss recent advances in ceramics.

COLLEGE

CENTRAL

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Bk. No.

1 9 9 9

(April)

CONSERVATIVE DENTISTRY

Third Paper

(AN ESSAY)

Full Marks 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

R. AHMED DENTAL COLLEGE
19/4/99
* CALCUTTA *

1. " Recent update of composite resin as restorative material "

OR

" Traumatized anterior teeth "

Central Library of Dental Sciences & Research
CDER * Panihati, Kolkata

DR. AHMED DENTAL COLLEGE LIBRARY
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CU * CALCUTTA

1999

(April)

CONSERVATIVE DENTISTRY

First Paper

Full Marks 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss current concepts of cavity preparation in conservative Dentistry.

2. "Cast gold versus composite resin Inlay" - Discuss.

3. Discuss pins, Dowels and other retentive devices used for restoration of posterior teeth.

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CALCUTTA

1 9 9 9

(April)

CONSERVATIVE DENTISTRY

Second Paper

(Endodontic)

Full Marks 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Critically evaluate advances in techniques for root canal preparation.

2. Analyse the role of smear layer for success in endodontic therapy.

3. Discuss indications, contraindications and methodology of Endo-osseous implants.

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Guru Nanak Institute of Dental Sciences
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2000 (April)

CONSERVATIVE DENTISTRY

Third Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

B.R. AMBEDKAR DENTAL COLLEGE
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Dt. No. 20/4/2000
CALCUTTA

1. "Microscopes in endodontics"
— Discuss.

OR

"Infection control in dental office with special reference to HIV" — Discuss.

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Kolkata

2 0 0 0

(April)

CONSERVATIVE DENTISTRY

First Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Critically analyse significant studies of various bonding system in operative dentistry.

2. Discuss significance, prevention and treatment of root caries in the older patient.

3. Discuss recent concept of ceramic restoration in operative dentistry.

2 0 0 0

(April)

CONSERVATIVE DENTISTRY

Second Paper

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Classify endodontic instruments and evaluate their uses.

2. "Should single sitting root canal therapy be advocated"? — Discuss.

3. Discuss perspectives on success and failure in endodontics.

273 / 21

The West Bengal University of Health Sciences
MDS Part II April-May, 2021 Examination
Conservative Dentistry & Endodontics

Paper : I

Time : 3 Hours
Full Marks : 100

Attempt all questions

1. Mention the current concept of bleaching of vital & non-vital teeth. 25

2. Discuss the recent update of adhesion of ceramic restorations with reference to different dental conditions. 25

3. Write short notes on the followings : 5 x 10

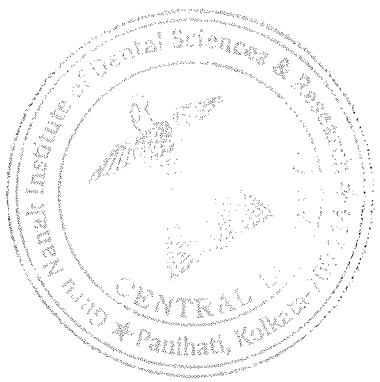
   a) Dentinal hypersensitivity : theories & management.

   b) Design and features of inlay cavities for different restorative material.

   c) Gingival tissue management during various restorative procedures.

   d) Infection control and sterilization protocol followed in conservative dentistry with special reference to the present pan-Covid 19 situation.

   e) Give recent development of composite resin.



273 / 21

The West Bengal University of Health Sciences
MDS Part II April-May, 2021 Examination
Conservative Dentistry & Endodontics

Paper : II

Time : 3 Hours
Full Marks : 100

Attempt all questions

1. Discuss diagnosis and management of endo - perio lesions. 25

2. Describe endodontic emergencies in geriatric patients and their management. 25

3. Write short notes on the followings : 5 x 10

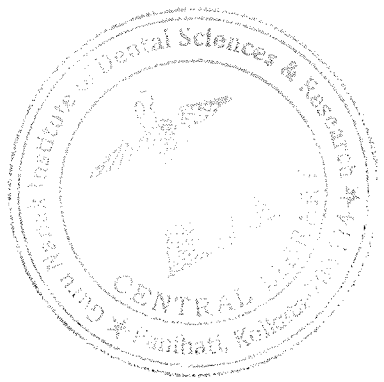
   a) Stem cells and its application in Endodontics.

   b) Minimally Invasive Endodontics.

   c) Endodontic Microsurgery.

   d) Periapical lesions strategies of management.

   e) Laser in endodontics.



DMS(2)-Con-Dentistry-3

2 0 0 1

CONSERVATIVE DENTISTRY

Third Paper

Full Marks-100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable.

1. Write an Essay on - "Glass Ionomer Cement"

Or

Discuss marginal integrity of different restorative material.

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Guru Nanak Institute of Dental Sciences & Research
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2001
CONSERVATIVE DENTISTRY
(October)

First Paper
Full Marks - 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

1. Discuss changing concept in fillers in Esthetic Restoration.

2. Discuss different cavity design for Precious alloy inlay in posterior teeth.

3. Write notes on :

i) Chemo-mechanical way of cavity preparation

ii) Pulp protection : sensitivity

iii) Direct digital radiography

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CALCUTTA

2001

CONSERVATIVE DENTISTRY

Second Paper

Full Marks 100

The questions are of equal value.

Candidates are required to give their answers in their own words as far as practicable

1. Critically evaluate the technique for preparation of root canal other than hand instrumentation.

2. Recent update of Laser in Endodontics.

3. Critically analyse different methods of root-canal obturation.

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CALCUTTA

2001

CONSERVATIVE DENTISTRY

First Paper

Full Marks- 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Discuss causes, prevention and management of post-operative sensitivity of composite resin restoration.

2. Write short notes on:-

   i) Intermediary restoration;

   ii) Casting porosity;

   iii) Bonded amalgam.

3. Discuss gingival interference and its managment for restorative procedures.

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Institute of Dental Sciences & Hospital
Kolkata

2001
CONSERVATIVE DENTISTRY
(October)

First Paper

Full Marks - 100

The questions are of equal value
Candidates are required to give their answers in their own words
as far as practicable

DR. R. AHMED DENTAL COLLEGE
Bk. No. 6/11/2001
CALCUTTA

1. Discuss changing concept in fillers in Esthetic Restoration.

2. Discuss different cavity design for precious alloy inlay in posterior teeth.

3. Write notes on:

   i) Chemo-mechanical way of cavity preparation

   ii) Post restoration sensitivity

   iii) Direct digital radiography

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11/4/03

DMS(II). Con. Dentistry -3

2003
(April)

CONSERVATIVE DENTISTRY

Third Paper

Full Marks - 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

Write an essay on the following :

1. Radiovisiography is the most suitable guide to successful endodontics - Discuss.

Or

Discuss the recent Techniques used for restoration of endodontically treated upper incissors.

Central Institute of Dental Sciences & Research
DENTAL COLLEGE
Kolkata

2003
(April).

CONSERVATIVE DENTISTRY

Second Paper

Full Marks - 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

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1. Describe obturation procedure with thermoplasticised gutta-purcha. Compare its merits and demerits with solid cone obturation.

2. Discuss sonic and ultrasonic devices in endodontis.

3. Discuss Re-treatment in a case of endodontic treatment failure.

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Panihati, Kolkata-700 114
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39

2004

(April)

CONSERVATIVE DENTISTRY

FIRST PAPER

FULL MARKS—100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

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CALCUTTA

1. Discuss recent update of Dentine Bonding System.

2. Discuss the recent concept of protective barrier for pulp in relation to conservative dentistry.

3. Discuss etiology, diagnosis, treatment and prevention of non-pathologic lesions of the hard tissues of the tooth.

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2004

(April)

CONSERVATIVE DENTISTRY

THIRD PAPER

FULL MARKS—100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

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8/4/04

1. Write ***an essay*** on the following :—

a) Recent Advances in Ceramics.

Or

b) Discuss surgical endodontics with particular reference to retro preparation.

Dental Institute of Dental Sciences & Research
DENTAL LIBRARY
Kolkata-700

2004

(April)

CONSERVATIVE DENTISTRY

SECOND PAPER

FULL MARKS—100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

COLLEGE LIBRARY CALCUTTA 5/4/04

1. Discuss endodontic microscopic and its role in Present day endodontic Practice.

2. Discuss critically endodontic mishaps and its management.

3. Discuss critically B.M.P. and importance of rotary instruments.

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08/04/05

2005

APRIL

CONSERVATIVE DENTISTRY

FIRST PAPER

Full Marks 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

1. Discuss rationale of designing cavity preparation in the light of current knowledge and technique.

2. Discuss recent update of powered cutting equipment.

3. Discuss silver amalgam as a restorative material.

Govt. Dental Institute of Dental Sciences & Hospital
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Kolkata-700 026

13/4/05

2005

APRIL

CONSERVATIVE DENTISTRY

THIRD PAPER

Full Marks 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

1. Write an essay on the following :

   (a) Post Endodontic Restoration.

   Or

   (b) Dentin Bonding Agents.

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13/4

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2005

APRIL

CONSERVATIVE DENTISTRY

SECOND PAPER

Full Marks 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

Guru Nanak Institute of Dental Sciences & Research
Kolkata-700 114

1. Discuss critically role of root canal seales in endodontice and also express your view on the current concept of seales.

2. Critically analyse surgical vs non surgical root canal treatment in Pen's rediculam lesions.

3. Discuss the rotary instruments which are available presently
How do you assess the hand Protaper vs rotary Protaper - discuss critically.

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KOLKATA

2006

(April)

CONSERVATIVE DENTISTRY AND ENDODONTIC

THIRD PAPER

Full Marks - 100

The questions are of equal value

Candidates are required to give their answers in their own words as far as practicable

1. Write an essay on the following :

   (*a*) Conceptual and technical advancements in root canal disinfection.

   Or

   (*b*) Restorative materials and restorations in the field of Conservative Dentistry.

Calcutta Medical Institute of Dental Sciences & Research
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2006

(April)

CONSERVATIVE DENTISTRY

SECOND PAPER

Full Marks - 100

The questions are of equal value
Candidates are required to give their answers in their own words as far as practicable

1. Discuss the rationale of endodontic treatment.

2. Discuss the advances in materials used in endodontic treatment.

3. Critically discuss the conventional *vs.* rotary endodontic instrumentation techniques

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KOLKATA

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Paper: I

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Discuss the physiology of Pain. 20

2. Discuss cystic lesion of oral cavity. 20

3. Write short notes on:- 5 x 6

   a) Fifth cranial nerve.

   b) Dentino genesis imperfecta.

   c) Calcium hydroxide.

   d) Attrition.

   e) Apical foramen.

4. Discuss briefly the following : 4 x 7½

   a) Physiology of occlusion.

   b) Pathology of pulp.

   c) Attachment apparatous of tooth.

   d) Role of adhesion is conservative dentistry.

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Paper: III

Full Marks: 100
Time: 3 Hours

4

Attempt all questions

1. Critically evaluates the use of modern gadgets in biomechanical procedure during root canal treatment. 20

2. Discuss rationale of management of avulsed tooth. 20

3. Write short notes on:- 5 x 6

   a) Root canal sealers.

   b) Kutlers theory.

   c) Hot tooth.

   d) Pulpal pressure.

   e) Lateral canal.

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4. Discuss briefly the following : 4 x 7½

   a) Various diagnostic procedure in endodantics

   b) Single visit root canal treatment.

   c) Microbiology of root canal space & its clinical relevance.

   d) Endo-perio lesion.

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

a) Pulp regeneration:current perspective.

or

b) Ceramics in conservative dentistry.

[illegible]

[illegible] (Conservative Dentistry & Endodontics) Examination [illegible]

Paper : II

Full Marks : 100

Time : 3 Hours

4

Attempt all questions

1. Discuss recent advances in detection and prevention of dental caries. 20

2. Discuss current trends in tooth preparation in light of modern dental restorative materials. 20

3. Write short notes on the following : 5 x 6

   a) Inlay wax.

   b) Chemo – mechanical way of cavity preparation.

   c) Marginal integrity in class II inlay.

   d) Fibre reinforced composite.

   e) Die materials.

4. Answer briefly on the following : 4 x 7½

   a) Posterior composite.

   b) Casting defects.

   c) Methods of pain control during operative procedures.

   d) Alloys used in porcelain fused to metal.

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Time: 3 Hours

Attempt all questions

1. Discuss recent update of dentine bonding agent. 20

2. Discuss relationship of cavity design to physical properties of restorative material. 20

3. Write short notes on:- 5 x 6

   a) Shade selection.

   b) Exclusion of moisture.

   c) Metal ceramic restoration.

   d) Non carious lesion.

   e) Bonded amalgam restorations.

4. Discuss briefly the following : 4 x 7½

   a) Impression material used in conservative dentistry.

   b) Posterior composite resin.

   c) Studies in relation to formation of dental caries.

   d) Methods of pain control during operative procedures.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2009

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss pathophysiology of pulp. 20

2. What are the forces acting on class II inlay and factors affecting it? 20

3. Write short notes on the following : 5 x 6
   a) Management of mercury toxicity.
   b) Oral microflora.
   c) Saliva and its role in dental caries.
   d) Non carious cervical lesions.
   e) Vitamin D – Deficiency.

4. Answer briefly on the following : 4 x 7½
   a) Bone morphogenic proteins.
   b) Physiology of dental pain.
   c) Prefabricated posts.
   d) Anatomical considerations of teeth in endodontic treatment.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2019

Paper : III

Full Marks : 100

Time : 3 Hours

Attempt all questions

1. Critically discuss the management of endodontic mishaps in light of recent advances. 20

2. Discuss various factors responsible for failure for root canal treatments. 20

3. Write short notes on the following : 5 x 6

a) Apex locators.

b) Role of surgical operating microscope in endodontics.

c) Endodontic implants.

d) Vertical root fracture.

e) Re-treatment in endodontics.

4. Answer briefly on the following : 4 x 7½

a) Sterilization of endodontic instruments.

b) Cleaning and shaping of curved canals.

c) MTA.

d) Endo perio lesions.

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2010

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss cystic lesions of the oral cavity. 20

2. Discuss composition and functions of saliva and its role in relation to dental caries. 20

3. Write short notes on the following : 5 x 6
   a) Prevention of dental caries.
   b) Hypo–plastic enamel.
   c) Oral micro–flora.
   d) Trigeminal nerve.
   e) Radiation Hygiene.

4. Answer briefly on the following : 4 x 7½
   a) Dentinal tubules.
   b) Physiology of self cleaning phenomenon.
   c) Physiology of Dental Pain.
   d) Role of drugs in Conservative Dentistry & Endodontics.

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2010

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Justify the methodology of disinfection in Endodontics in context to root canal flora. 20

2. Justify significance of contemporary Endodontics in relation to therapeutic success. 20

3. Write short notes on the following : 5 x 6
   a) Laser Doppler flowmetry.
   b) Endodontic Radiography.
   c) 'C' shaped canals.
   d) Endodontic flare ups.
   e) Laser in endodontics.

4. Answer briefly on the following : 4 x 7½
   a) Standardization of root canal instruments.
   b) Determination of apical terminus.
   c) Apical patency and its preparations.
   d) 'T' lymphocytes in periapical granuloma: role & clinical significance.

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2010

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

a) Management of non carious lesions of teeth.

or

b) Critically analyse occlusion and its importance in yours speciality.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2010

Paper : II

Full Marks : 100

Time : 3 Hours

4

Attempt all questions

1. Discuss veneers in Conservative Dentistry. 20

2. Discuss in detail about the management of Hypersensitive dentin. 20

3. Write short notes on the following : 5 x 6
   a) Metal Die.
   b) Bond strength.
   c) Hygroscopic explanation.
   d) Percolation.
   e) Disinfection of Impressions.

4. Answer briefly on the following : 4 x 7½
   a) Defects in casting.
   b) Various rotary devices for tooth cutting.
   c) Factors in terms of fracture of amalgam restoration.
   d) Bleaching procedure for non vital teeth.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2011

Paper : III

Full Marks : 100

Time : 3 Hours

Attempt all questions

1. Discuss blade designs of various NI-TI rotary instruments. 20

2. Discuss various methods of biomechanical preparation of complex anatomical variations. 20

3. Write short notes on the following : 5 x 6
   a) MTA.
   b) Magnifications in endodontics.
   c) Apex locator.
   d) Intracanal Medicaments.
   e) Endodontic hand pices.

4. Answer briefly on the following : 4 x 7½
   a) Root apicies.
   b) Management of narrow carved canal.
   c) Different types of root resorptions : give management of extra canal invasive root resorption.
   d) Root canal irrigants.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2011

Paper : IV 48(2)

Full Marks : 100

Time : 3 Hours

-1-4

Attempt all questions

1. Write an essay on : 1 x 100

   a) Single visit endodontics.

   or

   b) Advanced novel molecular techniques for detection of microbiology of endodontic disease.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2011

Paper : II

Full Marks : 100
Time : 3 Hours

4

Attempt all questions

1. Discuss class II inlay preparation in lower first molar. 20

2. Discuss recent update of glass Ionomer cement. 20

3. Write short notes on the following : 5 x 6
   a) Sialarane.
   b) Secondary caries.
   c) Caries vaccine.
   d) Mano leakage.
   e) Inlay max.

4. Answer briefly on the following : 4 x 7½
   a) Marginal integrity of composite resin.
   b) Radiation caries.
   c) Morphalgical changes of laser etching of tooth structure.
   d) Reasons for failure of CL II amalgam restorations.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2012

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Describe histology of enamel & dentin in a disease-free nature permanent tooth. 20

2. Discuss analgesics and antiinflammatory drugs, specifically related to their mechanism of action and contra indications. 20

3. Write short notes on the following : 5 x 6
   a) Root caries.
   b) Fluoride containing restorative materials.
   c) Medical model of dental caries treatment.
   d) Dentinogenesis imperfecta.
   e) Biofilms.

4. Answer briefly on the following : 4 x 7½
   a) Biocompatibility of dental cements.
   b) Endodontic treatment in medically comprised patients.
   c) Patho-physiology of periapical cyst initiative expansion & heading.
   d) Role of saliva in enamel demineralization & remineralization.

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2012

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Justify the role of Do's and dont's in relations to success & fail uses in the field of endodontics. 20

2. Discuss recent concept & development in instruments & instrumentation in the field of endodontics. 20

3. Write short notes on the following : 5 x 6
   a) MTAD.
   b) Steam cells.
   c) Pulpal diagnosis.
   d) Operating Microscope.
   e) Reciprocating system.

4. Answer briefly on the following : 4 x 7½
   a) Importance of radiography in endodontics.
   b) Role of local anaesthesis in endodontics.
   c) Philosophy of root canal disinfection.
   d) Radix entomolaris.

MDS (Conservative Dentistry & Endodontics) Examination, 201[illegible]

Paper : I

Full Marks : 100

Time : 3 Hours

Attempt all questions

1. Discuss white lesions of oral cavity. 20

2. Discuss physiology of occlusions. 20

3. Write short notes on the following : 5 x 6
   a) Hat tooth.
   b) Remineralization.
   c) Root caries.
   d) Apical foraminas.
   e) Trigeminal Neuralgia.

4. Answer briefly on the following : 4 x 7½
   a) Role of different acids on enamel.
   b) Physiology of attrition.
   c) Steam cells.
   d) Attachment apparatus of tooth.

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MDS (Conservative Dentistry & Endodontics) Examination, 2012

Paper : IV

Full Marks : 100
Time : 3 Hours

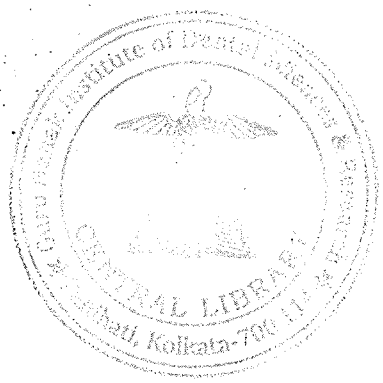
Attempt all questions

1. Write an essay on : 1 x 100

a) Regenerative Endodontics.

or

b) Management of Non carious lesion of teeth.



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MDS (Conservative Dentistry & Endodontics) Examination, 2012

Paper : II **Full Marks : 100**

Time : 3 Hours

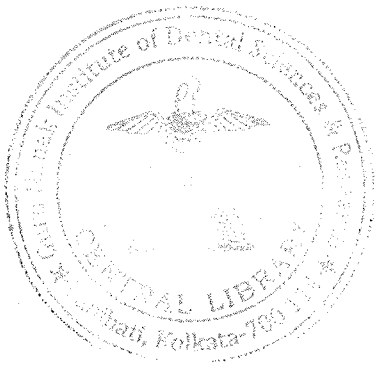
Attempt all questions

1. Discuss modern concepts and cavity designs for CL II amalgam restoration as compared to Black's principles of tooth preparation. 20

2. What are the different indirect restorations for inlay/onlay in posterior teeth? Discuss the advantages & disadvantages of each & enumerate the retentions & resistance form to be used when mesio-lingual cusp is missing in a vital mandibular 1st molar. 20

3. Write short notes on the following : 5 x 6
   a) Self retaining matrix systems.
   b) Methods to compensate casting shrinkage.
   c) Dentine pins : Types, Indications, placement guidelines & techniques.
   d) Esthetic treatment options for fluorosed anterior teeth.
   e) Classify Glass-ionomer element & their indication for use.

4. Answer briefly on the following : 4 x 7½
   a) Methods of taking rubber base impression for indirect restorations.
   b) Tarnish & Corrosion in silver amalgam restoration.
   c) Causes & treatment of dentinal hyper-sensitivity.
   d) Artistic elements of smile-design.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MDS (Conservative Dentistry & Endodontics) Examination, 2012

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Describe histology of enamel & dentin in a disease-free nature permanent tooth. 20

2. Discuss analgesics and antiinflammatory drugs, specifically related to their mechanism of action and contra indications. 20

3. Write short notes on the following : 5 x 6
   a) Root caries.
   b) Fluoride containing restorative materials.
   c) Medical model of dental caries treatment.
   d) Dentinogenesis imperfecta.
   e) Biofilms.

4. Answer briefly on the following : 4 x 7½
   a) Biocompatibility of dental cements.
   b) Endodontic treatment in medically comprised patients.
   c) Patho-physiology of periapical cyst initiative expansion & heading.
   d) Role of saliva in enamel demineralization & remineralization.

The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2013

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss development, anatomy, morphology, blood and nerves supply of tongue. 20

2. Discuss infection control and self protection in dental clinical set-up. 20

3. Write short notes on the following : 5 x 6
   a) Enamel organ and its functions.
   b) Describe various routes of drug administration.
   c) Orofacial pain.
   d) Mechanisms of blood clotting.
   e) Blood groups and their significance.

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4. Answer briefly on the following : 4 x 7½
   a) Role of nutrition in prevention of dental diseases.
   b) Modern methods of sterilization of endodontic instruments.
   c) Amelogenesis Imperfecta.
   d) Calcium metabolism.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2013

Paper : III

Full Marks : 100
Time : 3 Hours

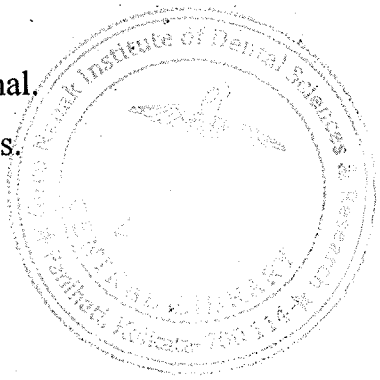
Attempt all questions

1. Describe the modern strategies in root canal disinfection. 20

2. Restoration of endodontically treated teeth. 20

3. Write short notes on the following : 5 x 6
   a) Endodontic Biofilm.
   b) Cracked tooth syndrome.
   c) Ferule effect.
   d) Apex locators.
   e) Root canal classification.

4. Answer briefly on the following : 4 x 7½
   a) Endodontic – periodontal lesions.
   b) Recent advances in obturating materials of root canal.
   c) Relevance of multiple visits in modern Endodontics.
   d) Retrograde filling material.



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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2013

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Describe forces acting on class II inlay. 20

2. Discuss dentin hypersensitivity in detail. 20

3. Write short notes on the following : 5 x 6
   a) Gingival tissue management.
   b) Isolation in conservative dentistry.
   c) Methodologies to detect Microleakage.
   d) Pit and fissure sealants.
   e) Flares and Bevels in cast restorations.

4. Answer briefly on the following : 4 x 7½
   a) 'C' factor and its clinical significance.
   b) Role of fluorides in caries prevention.
   c) OSHA guidelines of self protection.
   d) Importance of Bevels and Feares in Inlay cavity Preparation.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2013

Paper : IV

Full Marks : 100
Time : 3 Hours

1. Write an essay on : 1 x 100

a) Lasers in conservative dentistry & Endodontics.

or

b) Development of Endodontic instruments.

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2014

Paper : I

Full Marks : 100
Time : 3 Hours

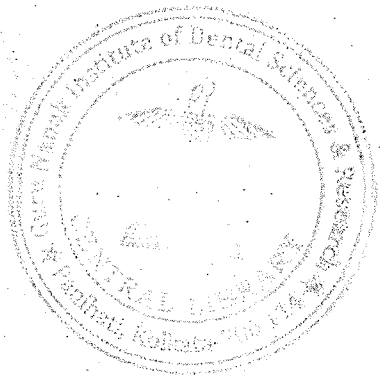
Attempt all questions

1. Discuss development, formation, structure chemical composition and physical properties of enamel 20

2. Mention role of saliva and various topical agents in control of dental caries. 20

3. Write short notes on the following : 5 x 6
   a) Effect of ageing on deatal tussues.
   b) Fluride recharge.
   c) Lasers used for hard dental tissue.
   d) Biofilm.
   e) Muscle of mastication.

4. Answer briefly on the following : 4 x 7½
   a) Evidence based dentistry.
   b) Radiation Hazards.
   c) Vit D Metabolism.
   d) Restoration margin and biologic width.



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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2014

Paper : III

Full Marks : 100

Time : 3 Hours

Attempt all questions

1. Discuss the effect of design and dimension of endodontic instrument on effective root canal preparation. 20

2. Discuss success of retrograde obturation with reference to newer material, instruments and methods. 20

3. Write short notes on the following : 5 x 6

   a) Radix.

   b) Operating microscope.

   c) Residual Gutta percha in post space preparation.

   d) Management of avulsed tooth.

   e) Root canal sealers.

Substancility
Refer Pai

4. Answer briefly on the following : 4 x 7½

   a) Endodontic emergency.

   b) Single sitting Rct.

   c) Age factor in endodontics.

   d) Balanced force technique.

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The West Bengal University of Hea...

MDS (Conservative Dentistry & Endodontics) Examin...

Paper : II

Full Marks
Time : 3 Hours

Attempt all questions

1. Discuss efficacy and application of non rotary instruments of tooth preparation. 20

2. Discuss recent developments of GIC. 20

3. Write short notes on the following : 5 x 6

   a) Reasons for failure of Cl-II amalgam restoration.

   b) Fibre reinforced composite.

   c) Functional malocclusion as related to conservative dentistry.

   d) Tunnel preparation.

   e) Esthetic option for fluorosed anterior teeth.

4. Answer briefly on the following : 4 x 7½

   a) Defects in casting.

   b) Abrasives used in restorative dentistry.

   c) Gingival tissue management during restorative procedures.

   d) Root caries.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2014

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1 x 100

1. Write an essay on :

a) Conceptual and technical advancement in root canal disinfection.

or

b) Recent advances in aesthetic dentistry.

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126 / 15

The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2015

Paper : I

Full Marks : 100
Time : 3 Hours

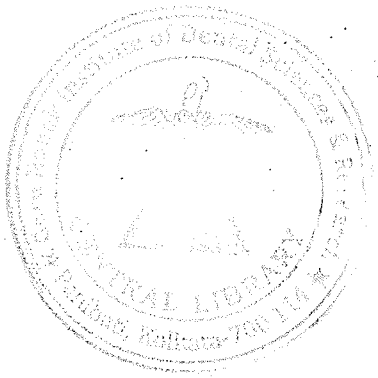
Attempt all questions

1. Discuss role of stem cells in Conservative dentistry and Endodontics. 20

2. Give histology of pulp and discuss patho physiology of pulpal diseases. 20

3. Write short notes on the following : 5 x 6
   a) Apical Foramen.
   b) Usefulness of laser in dentistry.
   c) Trigeminal Nerve.
   d) Hot tooth.
   e) Role of saliva.

4. Answer briefly on the following : 4 x 7½
   a) Radiation hazard and protection.
   b) White lesions of oral mucosa.
   c) Myofacial pain.
   d) Ozone therapy.



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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics)
Supplementary and Regular Examination, 2015

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss and justify the selection of instrument with respect to root canal anatomy and obstraction. 20

2. Discuss endodontic retreatment. 20

3. Write short notes on the following : 5 x 6
   a) Root end filling material.
   b) Radin.
   c) Management of dens-in-dente with pulp exposure.
   d) Sonic and ultra sonics in RCT.
   e) Dental operating microscope.

4. Answer briefly on the following : 4 x 7½
   a) Crack tooth syndrome.
   b) Root resorption and management.
   c) Endodontics in geriatric patients.
   d) Periapilal surgery with contemporary approach.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2015

Paper : III

Full Marks : 100
Time : 3 Hours

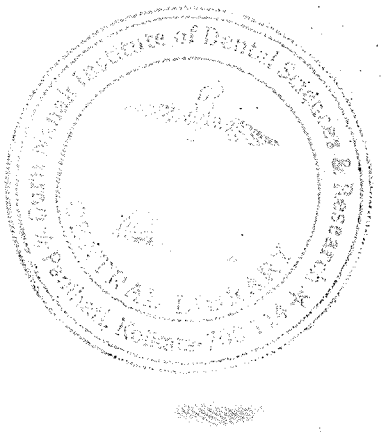
Attempt all questions

1. Recent concept of instruments and instrumentation on Endodontics. 20

2. Various radiographic aids in Endodontic diagnosis. 20

3. Write short notes on the following : 5 x 6
   a) Irrigants used in Endodontics
   b) Open locators.
   c) Endo perio lesions.
   d) C. fibres.
   e) Re implantation.

4. Answer briefly on the following : 4 x 7½
   a) Regeratine Endodontic Surgery.
   b) 'T' Lymphocytes in periapical granuloma.
   c) C shaped canal.
   d) MTA vs Biodentic.



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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics)
Supplementary and Regular Examination, 2015

Paper : IV

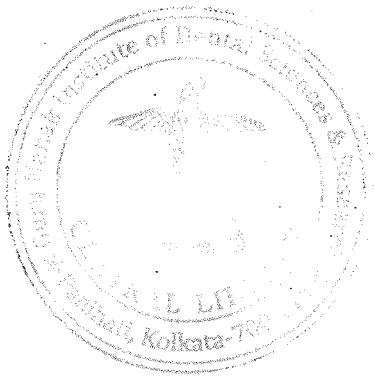
Full Marks : 100
Time : 3 Hours

1. a) Changing concept of indirect restoration.

1 x 100

or

b) Regenerative endodontics.



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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2015

Paper : IV

Full Marks : 100
Time : 3 Hours

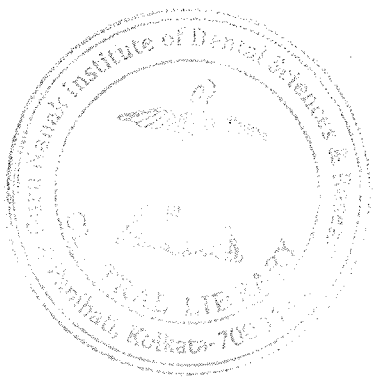
Attempt all questions

1. Write an essay on : 1 x 100

   a) Recent advances in ceramics.

   or

   b) Endodontic mishaps and their management.



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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics)
Supplementary and Regular Examination, 2015

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss adhesive restoration with reference to different dental condition. 20

2. Discuss physiology of occlusion. 20

3. Write short notes on the following : 5 x 6
   a) Abrasives.
   b) Office service in caries prevention.
   c) Impression for cast restoration.
   d) Casting defects.
   e) Causes and management of dentinal hypersensitivity.

4. Answer briefly on the following : 4 x 7½
   a) Marginal integrity of restoration.
   b) Laser as etchant.
   c) Shrinkage controlling composite.
   d) Atraumatic restoration.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2015

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss management of dentinal hypersensitivity. 20

2. Discuss non rotary instruments in tooth preparation. 20

3. Write short notes on the following : 5 x 6
   a) Flares and bevel.
   b) Method to compensate casting shrinkage.
   c) Head cutting instruments.
   d) Direct gold restoration.
   e) Dentine bonding.

4. Answer briefly on the following : 4 x 7½
   a) OSHA Guide bias for self protection.
   b) Hard tissue laser.
   c) Recent advances in composite resin.
   d) Re mineralisation.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics)
Supplementary and Regular Examination, 2015

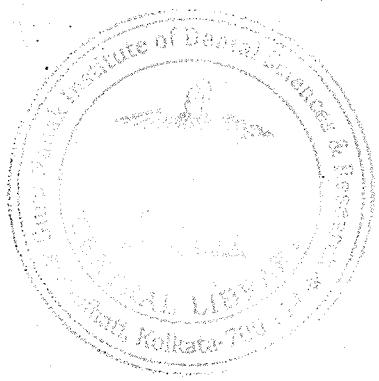
Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss development, anatomy, blood supply and nerve supply of tongue. 20
2. Write about the antibiotics in management of dental and oral infections with special emphasis on recent development.
3. Write short notes on the following : 20
   a) Oral microbiota. 5 x 6
   b) Coagulation of blood.
   c) Management of dental pain in pregnancy.
   d) Attachment apparatus of tooth.
   e) Blood groups and their significance.

4. Answer briefly on the following : 4 x 7½
   a) Saliva and its role in dental caries.
   b) Diabetes and dental procedure.
   c) Laser hazards and protection.
   d) Local anaesthesia.



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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2016

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write in brief the different developmental defects of teeth and their treatment protocol. 20

2. Define caries. Write down the role of saliva and oral prophylaxis in control of dental caries. 20

3. Write short notes on the following : 5 x 6
   a) Non carious cervical lesions.
   b) Apical constriction.
   c) Trigeminal neuralgia.
   d) CBCT.
   e) Histopathology of Primordial cyst.

4. Answer briefly on the following : 4 x 7½
   a) Modern Antibiotics.
   b) Stem cells.
   c) Contact points and their importance.
   d) Fluoride delivery systems.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2016

Paper : III

Full Marks : 100
Time : 3 Hours

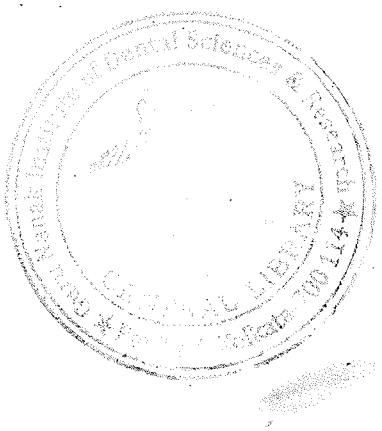
Attempt all questions

1. Discuss root canal disinfection with reference the development in material medicament and their delivery system. 20

2. Justify the important factors to do and don'ts for successful endodontic procedures. 20

3. Write short notes on the following : 5 x 6
   a) Importance of magnification in endodontics.
   b) Calcified canal.
   c) Monobloc concept in endodontics.
   d) Important criteria for access cavity preparation.
   e) Apex locator.

4. Answer briefly on the following : 4 x 7½
   a) Different types of post.
   b) Injectable Gutta Percha.
   c) Sterilization protocol in endodontics.
   d) PRF.



THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

MDS (Conservative Dentistry and Endodontics) Examination—2016

Paper –III

Full Marks: 100

Time: 3 hours

Attempt all question

1. Discuss obturating materials and techniques 20

2. Discuss root canal disinfection with reference the development in materials, medicaments and their delivery systems 20

3. Write short notes on-- 5X6

a) Apex locator

b) Blunderbuss canal

c) Radiographic imaging in endodontic treatment

d) Monobloc concept in endodontics

e) Instrumentation in access cavity preparation

4. Answer briefly on the following— 5X6

a) Post space

b) Dentine hypersensitivity

c) Bone graft material

d) S Shaped root canal

e) Hemi-section of tooth

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2016

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

   a) Advancement of endodontic instruments and instrumentation technique.

   or

   b) Restoration of endodontically treated teeth.

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

MDS (Conservative Dentistry and Endodontics) Examination—2016

Paper –IV **Full Marks: 100**

Time: 3 hours

1. Write an essay on— 1X100

Adhesive dentistry and its future

Or

Changing trend in endodontic instruments and instrumentation

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2016

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss about the recent developments in dental ceramics. 20

2. Introduction of new restorative materials has influenced designing of tooth preparation. 20

3. Write short notes on the following : 5 x 6
   a) Modern amalgam.
   b) Investment material.
   c) Elastomeric impression materials.
   d) Shrinkage and its control in composite resin restoration.
   e) Casting alloys.

4. Answer briefly on the following : 4 x 7½
   a) Finishing of cast Gold CL II inlay.
   b) Crown lengthening.
   c) Glass Ionomer cements.
   d) Caries vaccine.

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THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

MDS (Conservative Dentistry and Endodontics) Examination—2016

Paper –II

Full Marks: 100

Time: 3 hours

Attempt all question

1. What are veneers and laminates? Discuss indications contraindications, materials and methods of fabrication and placement of laminates and veneers. 20

2. Introduction of new restorative materials has influenced designing and instrumentation of tooth preparation. 20

3. Write short notes on— 5X6

a) Pin retained amalgam

b) Die material

c) Mercury toxicity

d) Caries vaccin

e) Shrinkage control in composite resin restoration

4. Answer briefly on the following— 5X6

a) Non carious cervical lesion

b) Finishing and polishing of cast metal restoration

c) Repair of esthetic restoration

d) Crown lengthening

e) CAD-CAM

(R)

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

MDS (Conservative Dentistry and Endodontics) Examination—2016

Paper –I

Full Marks: 100

Time: 3 hours

Attempt all question

1. Describe various developmental defects of tooth and their effect on treatment planning and procedures 20

2. Discuss diagnosis and management of medical emergencies in dental office. 20

3. **Write short notes on-** 5X6

a) Biofilm

b) Pathway of dental pain

c) Fluoride delivery systems

d) CBCT

e) Trigeminal neuralgia

4. **Answer briefly on the following::** 5X6

a) Biomimetic material

b) Temporo-mandibular joint

c) Modern antibiotics

d) Attachment apparatus of tooth

e) Muscles of facial expression

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2017

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss physiology of pain in orofacial region. 20

2. Enumerate medical emergencies in dental practice. Discuss the management of the same. 20

3. Write short notes on the following : 5 x 6
   a) Sterilization of Hand piece and burs used in dental practice.
   b) Factors influencing wound healing.
   c) Anti biotics used in dental infections.
   d) Tongue.
   e) Management of patient with anti coagulant therapy.

4. Answer briefly on the following : 4 x 7½
   a) Caries vaccine.
   b) Biomimetic substances & their role in conservative dentistry.
   c) Shock : its type and pharmaco therapy.
   d) Stem cells.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2017

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Briefly describe various types of N1T1 instruments along with their advantages and disadvantages in cleaning & shaping procedure in different root canals. 20

2. Endodontic Microsurgery. 20

3. Write short notes on the following : 5 x 6
   a) CM-wire and M wire N1-T1 alloy as endodontic rotary instruments.
   b) Conventional access cavity and modern access cavity for root canal therapy.
   c) Concepts monoblock in endodontics.
   d) Laser Doppler flowmetry.
   e) Functional behaviour of endodontically treated tooth with post & core.

4. Answer briefly on the following : 4 x 7½
   a) Apical seal of root canals.
   b) Pulp periodontal problems.
   c) Estimation of canal curvature and its management during cleaning & shaping procedure.
   d) Mechanism of functioning different types of electronic apex locators.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2017

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

   a) Discuss various fracture predilection of tooth structure that are to be considered before treatment.

or

   b) Regenerative Endodontics.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2017

Paper : II **Full Marks : 100**

Time : 3 Hours

Attempt all questions

1. Discuss Adhesive restorations in different dental conditions. 20

2. Describe in details the current concepts of on bleaching of vital and nonvital teeth. 20

3. Write short notes on the following : 5 x 6
   a) Non rotary instruments / Equipments for cavity preparation.
   b) Circumferential tie for cast inlay.
   c) Investment materials.
   d) Microleakage : its significances & methods for detection.
   e) Free water and bound water in dentin.

4. Answer briefly on the following : 4 x 7½
   a) Recent development of composite & GIC.
   b) Hand cutting instruments.
   c) Osha Guide lines for self protection.
   d) Caries detection methods.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2018

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss Development, Histology, Blood Supply innervation and age changes in dental pulp. 20

2. Classify local anaesthetics. Describe the pharmacology of local anaesthetics used in dentistry. Mention the methods of enhancing success in local anaesthesia. 20

3. Write short notes on the following : 5 x 6
   a) Blood group and their significance.
   b) Vit D. metabolism.
   c) Management of Mercury Toxicity.
   d) Biofilm.
   e) Laser hazards & protection.

4. Answer briefly on the following : 4 x 7½
   a) Muscle of mastication.
   b) White lesions in oral mucosae.
   c) Developmental defects of Enamel.
   d) Salivary enzymes.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) September Examination, 2018

Paper : I

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Facial Nerve: course & distribution. 20

2. Describe developmental disturbances & age changes of Enamel & dentin. 20

3. Write short notes on the following : 5 x 6
   a) Dental burs.
   b) Management of a patient with diabetis & hypertension in clinical practice.
   c) Occlusion & TMJ dysfunction.
   d) Physiology & referred pain in oro facial region.
   e) Post space preparation.

4. Answer briefly on the following : 4 x 7½
   a) Cross infection in dental office.
   b) CBCT as diagnostic in this speciality.
   c) Syncope.
   d) Salivary glands.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2018

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Discuss analytically various rotary N1-T1 Instrumentation systems that are presently available for cleaning & shaping procedure of root canals. 20

2. Critically analyse conventional Endodontic surgery with Endodontic micro surgery. 20

3. Write short notes on the following : 5 x 6

   a) Austenite, martensite & R phase of N1-T1 Alloy.

   b) Recent concepts of access preparation for Root canal system.

   c) Palatogingival grooves.

   d) Gutta flow & AH plus as root canal sealers.

   e) Middle distal canal.

4. Answer briefly on the following : 4 x 7½

   a) Behaviour of Intact tooth and tooth restored with Port and care in function.

   b) Effect of coronal seal on apical periodontium.

   c) Problems associated with different types of apex locator.

   d) Various Irrigation systems of root canals.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2018

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

a) Discuss concept of growing pulp dentin complex in a non vital tooth.

or

b) Discuss various probabilities/factors which may culminate into damage/fracture of tooth during conservative treatment or endodontic therapy.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) September Examination, 2018

Paper : IV

Full Marks : 100
Time : 3 Hours

1. Write an essay on : 1 x 100

a) Management of iatrogenic eadodontic events.

or

b) Describe minimally invasive concepts in restorative dentistry.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2018

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Critically analyse dentin bonding agents and recent methods of enhancing resin dentin bonds. 20

2. Alloys used for cast restorations. 20

3. Write short notes on the following : 5 x 6
   a) Castable ceramic.
   b) Toughening mechanism of dentin.
   c) Die fabrication.
   d) Curing lights.
   e) Designs and features of Inlay cavities.

4. Answer briefly on the following : 4 x 7½
   a) Veneers.
   b) Gingival tissue managements during various restorative procedures.
   c) Dentinal hypersensitivity : theories and management.
   d) Three dimensions of color and its clinical significances.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) September Examination, 2018

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Caries vaccine: Concepts & application. 20

2. Dental ceramics: different type & usage. 20

3. Write short notes on the following : 5 x 6
   a) Luting agents.
   b) Skirts & collar preparation.
   c) Inlay waxes.
   d) Giomer.
   e) Etching of detain.

4. Answer briefly on the following : 4 x 7½
   a) Smile designing.
   b) Recent advantages of composite resin.
   c) Methods to prevent caries.
   d) Casting shrinkage compensation.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2019

Paper : I **Full Marks : 100**
Time : 3 Hours

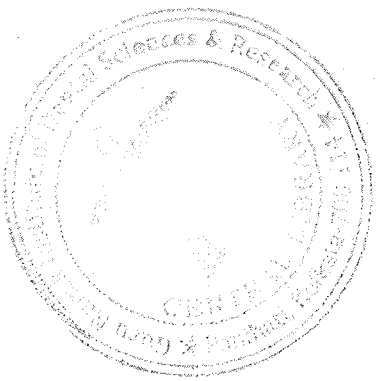
Attempt all questions

1. Discuss dental caries vs Saliva. 20

2. Discuss various medical emergencies that are managed in day to day clinical practice. 20

3. Write short notes on the following : 5 x 6
   a) Muscles of facial expression.
   b) C shaped canal.
   c) Articular disc of TMJ.
   d) Properties of laser as utilised in dentistry.
   e) Age changes of pulp.

4. Answer briefly on the following : 4 x 7½
   a) Stem cells in oro facial region.
   b) Cystic lesions in oral cavity.
   c) OSHA Guidelines for personal protection in clinical practice.
   d) Dentinogenesis imperfecta.



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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2019

Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Concepts of Bleaching Vital & non vital tooth. 20

2. Recent development of composite resin. 20

3. Write short notes on the following : 5 x 6
   a) Management of dentinal hypersensitivity.
   b) Addition condeasation silicon as Impression material.
   c) Types of VENEERS and tooth preparation.
   d) Smart GIC.
   e) Factors affecting tooth preparation.

4. Answer briefly on the following : 4 x 7½
   a) Cl II ceramic Inlay.
   b) Fracture resistance of yttrium stabilised zirconia.
   c) Circumferential tie.
   d) Dentin bonding agents.

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The West Bengal University of Health Sciences
MDS (Conservative Dentistry & Endodontics) Examination, 2019

Paper : III

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Briefly narrate different factors to be considered for the success of Revascularisation of non vital tooth. 20

2. Discuss development of N1-T1 instruments that are used in endodontics. 20

3. Write short notes on the following : 5 x 6
   a) Biodentine.
   b) Root end resection.
   c) Preparation of PRP.
   d) Chlorhexidine as irrigant.
   e) Optical coherence tomography.

4. Answer briefly on the following : 4 x 7½
   a) Continuous rotation vs reciprocating rotation in cleaning & shaping of Root canals.
   b) Single file vs multiple file system of instrumentation.
   c) Efficient irrigation vs intra canal medication.
   d) Balanced force vs watch winding technique.

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The West Bengal University of Health Sciences

MDS (Conservative Dentistry & Endodontics) Examination, 2019

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions

1. Write an essay on : 1 x 100

   a) Discuss conventional RCT vs REP.

   or

   b) Composite resin-boon or ban in restorative dentistry.

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The West Bengal University of Health Sciences

MDS Part I October, 2020 Examination

Conservative Dentistry & Endodontics

Time : 3 Hours **Full Marks : 100**

Attempt all questions

1. Discuss different systemic conditions to be considered in dental practice. 10
2. Narrate the mechanism of clotting of blood. 10
3. Discuss the major muscles of masticatoryapparatus. 10
4. Give distribution of Facial Nerve. 10
5. Justify "Pain of pulpal origin is referred in nature and never crosses the midline." 10
6. Mention role of saliva in oral cavity in nutshell. 10
7. Discuss Amelogenesis in brief. 10
8. Discuss the stem cells in oro-facial region. 10
9. What are the OSHA guidelines for personal protection in clinical practice? 10
10. What are the cystic lesions in oral cavity: briefly narrate. 10

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The West Bengal University of Health Sciences
MDS Part II April-May, 2021 Examination
Conservative Dentistry & Endodontics

Paper : III

Time : 3 Hours
Full Marks : 100

*Attempt **any two** questions*

1. Discuss the concept of growing pulp-dentin complex in a non-vital tooth. 50

2. Ceramics used in dentistry with the concept in recent advances. 50

3. Evaluation of N1-T1 instruments for cleaning & shaping of Root Canals. 50