

[LI 370]

JUNE 2016

Sub. Code: 2464

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
AESTHETIC DENTISTRY**

Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Classify direct filling gold. Write in detail the composition, properties, manipulation, cavity designs, advantages, uses and technical considerations of direct filling gold.
2. Retention and Resistance form in cavity designs.

II. Short Notes:

(7 x 5 = 35)

1. Class V cavity designs.
2. Shade matching and selection.
3. Pit and fissure sealants.
4. Radiation Caries.
5. Deep caries management.
6. Inlay casting wax.
7. Contacts and contours for composite restorations.

[LJ 370]

OCTOBER 2016

Sub. Code: 2464

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER II – CONSERVATIVE DENTISTRY AND
AESTHETIC DENTISTRY

Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss in detail non carious defects in teeth and its management.
2. Smile design in conservative dentistry.

II. Short Notes:

(7 x 5 = 35)

1. Methods of carious removal.
2. Bevels in cavity preparation.
3. Advantages and disadvantages of direct gold restoration.
4. Mechanism of dentin bonding.
5. Retainerless matrix bands.
6. Setting reaction of glass ionomer cement.
7. Dental burs – mechanics of cutting.

[LK 370]

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Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Give the importance of Smile Design. Discuss in detail about Laminates.
2. List indirect tooth colored restorations. Write about the tooth preparation and impression making procedures for a ceramic onlay.

II. Short Notes:

(7 x 5 = 35)

1. Electroformed dies.
2. Relevance of contacts and contours.
3. Cavosurface treatment for glass ionomer cement.
4. Role of dental amalgam in contemporary dentistry.
5. Use of Lasers in Bleaching.
6. Divestment.
7. Uses of Fibre re-inforced composite.

[LL 370]

OCTOBER 2017

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AESTHETIC DENTISTRY**

Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Role of saliva in the prevention of Dental caries.
2. Recent advances in diagnosis and treatment planning in conservative dentistry.

II. Short Notes:

(7 x 5 = 35)

1. Abrasion and Abfraction.
2. Repair of veneer.
3. Advantages and disadvantages of resin composite.
4. Investment materials.
5. Infection control in conservative dentistry.
6. Minimal intervention dentistry – materials used.
7. Impression procedures for indirect restorations.

[LM 370]

MAY 2018

Sub. Code: 2464

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
AESTHETIC DENTISTRY**

Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Classify glass-ionomer cements. Write in detail the composition, manufacture, properties, manipulation, uses and cavity preparation for glass-ionomer cements with emphasis on current trends and developments.
2. Minimally invasive procedures in conservative dentistry.

II. Short Notes:

(7 x 5 = 35)

1. Dentin bonding agents.
2. Single composition alloy.
3. Remineralization.
4. Caries diagnosis.
5. Ceramic inlay.
6. Pin retained amalgam.
7. Smear layer.

[LN 370]

OCTOBER 2018

Sub. Code: 2464

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
AESTHETIC DENTISTRY**

Q.P. Code: 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Write in detail about Dentin hypersensitivity and its management.
2. Etiology, classification, clinical features and management of non carious destructive lesions.

II. Short Notes:

(7 x 5 = 35)

1. Methods of strengthening dental ceramics.
2. Bevels and flares in cast restorations.
3. Biological width and its significance.
4. Isolation of operating field.
5. Mercury Toxicity.
6. Smile design.
7. Divestment.

[LO 370]

MAY 2019

Sub. Code: 2464

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
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Q.P. Code: 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Write in detail about the preventive role of saliva in Dental caries and discuss the use of remineralising agents.
2. Discuss in detail about the tooth preparation for a Mesio occlusal composite restoration and means to enhance its resistance and retention form.

II. Short Notes:

(7 x 5 = 35)

1. Re-emergence of direct gold restoration.
2. Water treeing.
3. Acceptable levels of Mercury.
4. Criteria for selection of Luting cements.
5. Tooth preparation kits for veneers.
6. Hue, Value and Chroma.
7. Influence of co-efficient of thermal expansion on restorations.

[LP 370]

OCTOBER 2019

Sub. Code: 2464

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Q.P. Code: 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Write in detail on management of gingival tissues during restorative procedures.
2. Pins in conservative dentistry.

II. Short Notes:

(7 x 5 = 35)

1. Shade selection in Esthetic dentistry.
2. Various types of veneers in conservative dentistry.
3. Ozone treatment.
4. Manipulation of gold foil for restoration.
5. Mercury waste management.
6. Newer composites.
7. Sandwich technique.

[LQ 370]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2464

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
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Q.P. Code : 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Write in detail about Silver Amalgam history, composition setting reaction and cavity preparation for class II restoration. Add a note on Mercury toxicity.
2. Discuss management of Gingival tissues during Restorative procedures.

II. Short Notes:

(7 x 5 = 35)

1. Bleaching.
2. Rapid separation of teeth.
3. Dental burs.
4. Bevels.
5. Sandwich technique.
6. Diagnosis of Proximal Caries.
7. Dentin hypersensitivity management.

[MDS 0321]

**MARCH 2021
(OCTOBER 2020 SESSION)**

Sub. Code: 2464

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER II – CONSERVATIVE DENTISTRY AND
AESTHETIC DENTISTRY**

Q.P. Code: 242464

Time: 3 Hours

Maximum: 75 Marks

I. Essays: **(2 x 20 = 40)**

1. Write in detail on management of Gingival Tissues during restorative procedures.
2. Write about Dentin Bonding Agents.

II. Short Notes: **(7 x 5 = 35)**

1. CAD-CAM.
2. Vital Bleaching.
3. Biomechanics of class V Restorations.
4. Glass Ionomer Cement.
5. Principles of compaction of Direct Gold Restorations.
6. Mercury Toxicity.
7. Shade selection for Esthetics Restorations.
