

[LB 672]

AUGUST 2012

Sub. Code: 4184

FOURTH YEAR B.D.S. DEGREE EXAM

PAPER – VI CONSERVATIVE DENTISTRY & ENDODONTICS

Q .P .Code: 544184

Time : 180 Minutes

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Ellis classification of traumatic Injuries. Write in detail about storage medium and management of avulsed tooth. | 19 | 30 | 20 |
| 2. Classification, etiology and management non-carious lesion and disfiguration of teeth. | 19 | 30 | 20 |

II. Write notes on:

- | | | | |
|--|---|----|---|
| 1. Gingival marginal trimmer. | 3 | 10 | 5 |
| 2. High copper amalgam. | 3 | 10 | 5 |
| 3. Endodontic microbiology. | 3 | 10 | 5 |
| 4. Mineral trioxide aggregate. | 3 | 10 | 5 |
| 5. Rubber dam. | 3 | 10 | 5 |
| 6. Dental mercury hygiene recommendation. | 3 | 10 | 5 |
| 7. Internal resorption. | 3 | 10 | 5 |
| 8. Wedges and types of wedging. | 3 | 10 | 5 |
| 9. Dentin bonding agents. | 3 | 10 | 5 |
| 10. Glass ionomer cement. | 3 | 10 | 5 |
| 11. Dental operating microscopes. | 3 | 10 | 5 |
| 12. Factor Influencing healing after endodontic treatment. | 3 | 10 | 5 |

[LC 672]

FEBRUARY 2013

Sub. Code: 4184

FOURTH YEAR B.D.S. DEGREE EXAM

PAPER – VI CONSERVATIVE DENTISTRY & ENDODONTICS

Q.P.Code: 544184

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. Classify & Write in detail about Operative Hand Instruments. Add a note on Instrument Formula.
2. Describe in detail, the classification and various treatment options of Discoloured anterior teeth.

II. Write notes on:

(10x5=50)

1. Core materials for obturation.
2. Apex Locators.
3. Sodium Hypochlorite.
4. Management of Avulsed tooth.
5. Gingival Retraction Cord.
6. Casting shrinkage of cast gold alloys & its compensations.
7. Differences between Class II Amalgam & Inlay cavity preparations.
8. Standardization of Endodontic Instruments.
9. Pain control in Endodontics.
10. Radio Visual Graphy.

[LD 672]

AUGUST 2013

Sub. Code: 4184

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – VI CONSERVATIVE DENTISRY & ENDODONTICS**

Q.P.Code: 544184

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. Define obturation, discuss about time of obturation and lateral condensation technique.
2. Classify traumatic injuries and discuss in detail about complicated crown / root fractures with pulp exposure.

II. Write notes on:

(10x5=50)

1. Smear layer.
2. Glassionomer cements.
3. Sterilization of instruments.
4. High gold alloys.
5. Bevells in tooth preparation.
6. Pin Retained Amalgam.
7. Standardization of hand instruments.
8. Castable ceramics.
9. Protaper.
10. Instrument grasps.

FOURTH YEAR B.D.S. DEGREE EXAM
PAPER VI - CONSERVATIVE DENTISTRY & ENDODONTICS
Q.P Code: 544184

Time: 180 minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Classify Pins used in Pin retained amalgam restorations. Write in detail about Self threaded pins.
2. Enumerate different techniques of cleaning and shaping of the root canal using hand instruments. Describe step back technique in detail.

II. Write Notes on:

(10X5=50)

1. Management of Tooth Avulsion
2. Mineral trioxide aggregate
3. Direct pulp capping
4. Wedges and wedging techniques
5. Internal Resorption
6. Biocompatibility of Glass Ionomer Cements
7. Walking Bleach
8. Sodium Hypochlorite
9. Hemisection of teeth
10. Microfilled Composites

[LF 672]

AUGUST 2014

Sub. Code: 4184

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER VI - CONSERVATIVE DENTISTRY & ENDODONTICS**

Q.P Code: 544184

Time: 180 minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Define bleaching. Enumerate the materials used and various techniques of bleaching. Describe in detail night guard bleaching technique.
2. Define obturation. Enumerate the materials used and various techniques of obturation. Describe in detail warm vertical condensation technique.

II. Write Notes on:

(10X5=50)

1. Demineralization-Remineralization cycle
2. Instrument formula for hand cutting instruments
3. Hybrid layer
4. Wedging techniques
5. Compare and contrast tooth preparation for silver amalgam versus composite restoration
6. Phoenix abscess
7. Resin based endodontic sealers
8. Standardization of a K-file endodontic instrument
9. Apexification
10. Root end filling materials

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER VI - CONSERVATIVE DENTISTRY & ENDODONTICS**

Q.P Code: 544184

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define dentin hypersensitivity. Discuss the cause, mechanism and management of dentin hypersensitivity.
2. Define working length in endodontics. Enumerate the methods to determine working length. Discuss in detail Apex locators.

II. Write Notes on: **(10 x 5 = 50)**

1. Design of a dental bur.
2. Smear layer.
3. Matricing for direct tooth colored restorations.
4. Home bleaching techniques.
5. Trituration.
6. Pulpitis.
7. Gutta percha chemistry, composition and uses.
8. Pulpotomy.
9. Root canal irrigants.
10. Avulsed tooth and its management.

[LH 672]

AUGUST 2015

Sub. Code: 4184

FOURTH YEAR B.D.S. DEGREE EXAMINATION
PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P. Code: 544184

Time : Three Hours

Maximum : 70 marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Discuss in detail about classification II mesio occlusal in lay cavity preparation for lower right first molar. Add a note on cast metal restorations giving their indications advantages and disadvantages.
2. Write about classification of endodontic instruments. Enumerate methods of working length determination with a brief note on apex locations.

II. Write notes on :

(10 x 5 = 50)

1. Tarnish and corrosion.
2. Castable ceramics.
3. Mat Gold.
4. Direct Vaniers.
5. Types and uses of Wedges.
6. Chlorhexidine uses.
7. Replacement Resorption.
8. Mishaps in cleaning and shaping.
9. Access cavity for upper central incisor.
10. Thermoplastized Gulta perche.

[LI 672]

FEBRUARY 2016

Sub. Code: 4184

FOURTH YEAR B.D.S. DEGREE EXAMINATION
PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P. Code : 544184

Time : Three Hours

Maximum : 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Classify dental amalgam. Write in detail about techniques for amalgam restoration fabrication.
2. Ellis classification of traumatic injuries. Write in detail about storage medium and management of avulsed tooth.

II. Write Notes on:

(10 x 5 = 50)

1. Irrigants in endodontics.
2. Rubber dam.
3. Dental operating microscope.
4. High copper silver amalgam.
5. Glass ionomer cement.
6. Prefabricated post system.
7. Endodontic microbiology.
8. Factors influencing healing after endodontic treatment.
9. Gingival marginal trimmer.
10. Gutta percha.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Discuss various types of direct filling gold, manipulation, instruments and techniques used for condensation of gold.
2. Write in detail on non vital bleaching with a note on the various bleaching agents and its mechanism.

II. Write Notes on: **(10 x 5 = 50)**

1. Die materials.
2. Retentive features in Amalgam cavity preparation.
3. Retrograde filling materials.
4. Fillers in composites.
5. Obturation core materials.
6. Root resorption.
7. Standardization of root canal instruments.
8. Tarnish and corrosion.
9. Caries detection methods.
10. Uses of calcium hydroxide.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Discuss in detail various concepts of minimal invasive dentistry in conservative dentistry.
2. What are the indications and contraindications for periapical surgery? Discuss various designs in periapical flaps.

II. Write Notes on: **(10 x 5 = 50)**

1. Wedges.
2. Reverse curve.
3. Retentive features in inlay.
4. Suck back porosity.
5. Creep.
6. Mercuroscopic expansion.
7. Walking bleach.
8. Endometrics.
9. Biological width.
10. Metal modified GIC.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Classify restorative resins. Discuss in detail about the acid etching patterns and adhesive mechanisms of light cured composite resin restorations.
2. Give the indications for Endodontic surgeries. Enumerate on flap designs for apical surgeries with a brief note on retrograde preparation and retrograde filling material.

II. Write Notes on: **(10 x 5 = 50)**

1. Finishing and Polishing Agents.
2. Hybrid layer.
3. Resin modified glass ionomer cements.
4. Sectional matrices.
5. Pre and Post Carve Burnishing.
6. Reversible pulpitis.
7. Distal object rule.
8. Apexification.
9. External root resorption.
10. Uses of sodium hypochlorite.

[LM 672]

FEBRUARY 2018

Sub. Code: 4221

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Significance of contacts and contours in conservative dentistry. Write a note on matrices and wedges.
2. Mention various methods in working length determination. Write in detail Ingles radiographic method in working length determination.

II. Write Notes on: **(10 x 5 = 50)**

1. Veneers.
2. Mercury toxicity.
3. Modifications of glass ionomer cement.
4. Instrument formula.
5. Localised shrinkage porosity.
6. Design of dental bur.
7. Management of dentine hypersensitivity.
8. Mineral trioxide aggregate.
9. Non vital bleaching.
10. Root canal irrigants.

[LN 672]

AUGUST 2018

Sub. Code: 4221

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. The non – carious defects in teeth and its management.
2. Ellis classification of traumatic injuries. Write about the different storage mediums and the management of avulsed tooth.

II. Write Notes on:

(10 x 5 = 50)

1. Gingival marginal trimmer.
2. Wedges and types of wedging.
3. Mercury toxicity and Mercury hygiene recommendations.
4. Dentin bonding agents.
5. Primary resistance form.
6. Rubber dam clamp.
7. Core materials for obturation.
8. Standardization of endodontic instruments.
9. Phoenix Abscess.
10. Sodium Hypochlorite.

[LO 672]

FEBRUARY 2019

Sub. Code: 4221

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Classify pins used in pin retained amalgam restorations. Write in detail about the self threaded pins.
2. Define bleaching. Enumerate the materials used and the various techniques of bleaching. Describe about walking bleach.

II. Write Notes on:

(10 x 5 = 50)

1. Flap designs in periapical surgery.
2. Degassing.
3. Suck back porosity.
4. Delayed expansion.
5. Initial steps in cavity preparation.
6. Irreversible pulpitis.
7. Thermoplasticized gutta percha.
8. Calcium Hydroxide.
9. Step back technique.
10. Anaesthetic Techniques in Endodontics.

[LP 672]

AUGUST 2019

Sub. Code: 4221

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV-Modified Regulation III Candidates and
Final Year Paper VI – New Modified Regulation Candidates)

PAPER VI– CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Define inlay. Write the indications and contraindications for inlay. Write in detail about the differences in cavity preparation for class II inlay and class II amalgam.
2. Classify diseases of periapical tissues. Write in detail the step by step procedure for root canal therapy in permanent right upper central incisor tooth. Add a note on post endodontic restoration.

II. Write Notes on:

(10 x 5 = 50)

1. Apex locators.
2. Intra canal medicaments.
3. Reverse curve.
4. Apexification.
5. Hemisection.
6. Instrument formula for operative hand instruments.
7. Sandwich technique.
8. Direct filling gold.
9. Infected and affected dentin.
10. Modifications of GIC.

[LQ 672]

FEBRUARY 2020

Sub. Code: 4221

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper IV - Modified Regulation III Candidates and
Final Year Paper VI - New Modified Regulation Candidates)

PAPER VI – CONSERVATIVE DENTISTRY AND ENDODONTICS

Q.P. Code: 544221

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Classify dental amalgam. Write in detail the step by step procedure for a class II cavity preparation (mesioocclusal), base application, wedging, filling, finishing and polishing in 36 for amalgam.
2. Classify traumatic injuries to teeth. Write in detail about treatment options for avulsed tooth. Add a note on storage media for avulsed teeth.

II. Write Notes on:

(10 x 5 = 50)

1. Internal resorption.
2. Rubber dam Kit.
3. At Home Bleaching.
4. Bur Head Design.
5. Standardization of Endodontic Instruments.
6. Electric pulp testing.
7. Indirect pulp capping.
8. Retrograde filling materials.
9. Abfraction lesions.
10. Radio visiography.
