

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – Nov 2021

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1194

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

1. Classify dental composites and discuss composition of composite resin.
2. Write definition and rationale of apexification procedure. describe apexification procedure with MTA.

#### SHORT ESSAYS.

3. C - Factor
4. Pulp vitality tests.
5. Rubber dam isolation.
6. Radiographic method ( Ingle's technique ) of Working length determination.
7. Causes for intrinsic discoloration of teeth.
8. Sodium hypochlorite.
9. Dental mercury hygiene recommendation
10. Hand operated endodontic instruments.

#### SHORT ANSWERS.

11. Retraction cord.
12. Gutta percha.
13. Sclerotic dentin
14. Recapitulation
15. Dental burs.



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – April 2021

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1194

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

1. Discuss various non - carious causes of tooth loss and their management strategies.
2. Enumerate techniques of obturation . Describe cold lateral compaction technique.

#### SHORT ESSAYS

3. Pit and fissure sealants.
4. Method of tooth vitality assessment.
5. Cavity liners.
6. Step- back technique.
7. Tunnel preparation.
8. Electronic method of determining Working length.
9. Management of gingival tissue.
10. Indications for endodontic surgery.



#### SHORT ANSWERS.

11. Amalgam 'Blues'.
12. Condensing osteitis.
13. Automatrix.
14. Barodontalgia.
15. Air abrasion.

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – Feb 2021

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1194

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

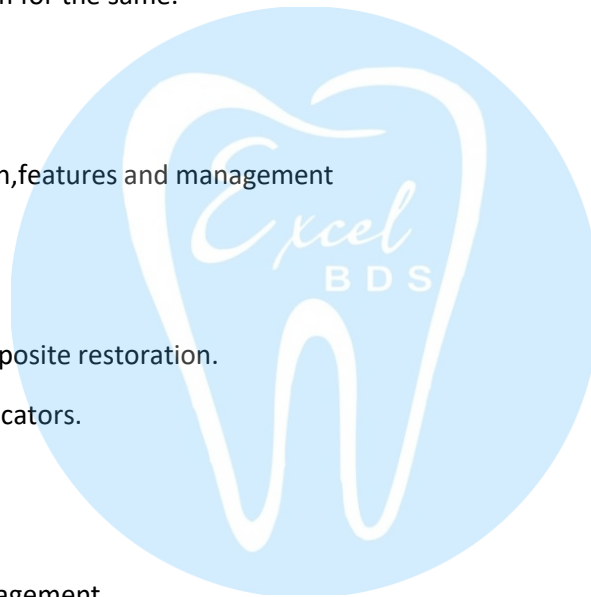
1. Classification of cervical lesions and management of the same.
2. Define access cavity preparation and write a note on objectives of access cavity preparation and discuss the armamentarium for the same.

#### SHORT ESSAYS.

3. Root caries- classification, features and management
4. Total Etch technique.
5. Sandwich technique.
6. Matrices for class II composite restoration.
7. Third generation apex locators.
8. Endo- perio lesions
9. Vitality tests.
10. Root fracture and management.

#### SHORT ANSWERS.

11. Factors affecting cutting efficiency of burs.
12. Zipping perforation.
13. Window preparation for veneers
14. Sodium hypochlorite as an irrigating solution
15. Sodium perborate as a bleaching agent.



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – OCTOBER- 2020

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1194**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

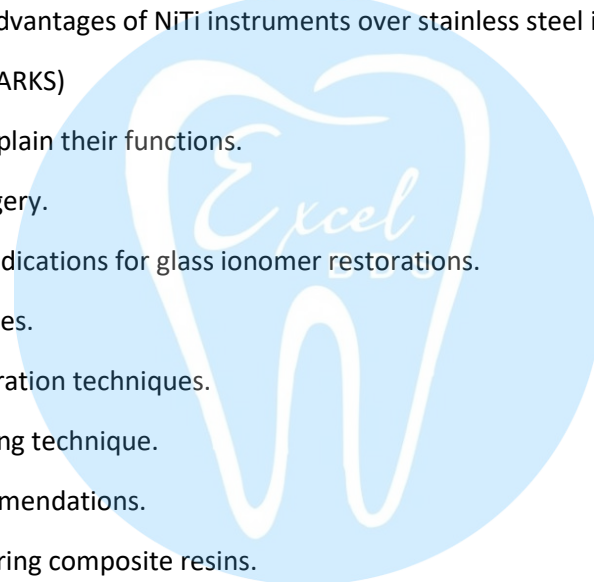
1. Explain indications, advantages and disadvantages of cast restorations. Describe the Basic concepts of inlay cavity preparation.
2. Classify instruments used for root canal preparation. Explain the standardization of endodontic instruments. Explain the advantages of NiTi instruments over stainless steel instruments.

#### SHORT ESSAYS (8X5=40MARKS)

3. Classify matrices and explain their functions.
4. Flaps in endodontic surgery.
5. Indications and contraindications for glass ionomer restorations.
6. Etiology of pulpal diseases.
7. Thermoplasticized obturation techniques.
8. Nightguard vital bleaching technique.
9. Mercury hygiene recommendations.
10. Various methods of curing composite resins.

#### SHORT ANSWERS (5X2=10MARKS)

11. Recapitulation.
12. Phoenix abscess.
13. Ethylene Diamino Tetra-acetic Acid (EDTA).
14. Cavity varnish.
15. Peeso reamer.



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2019

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

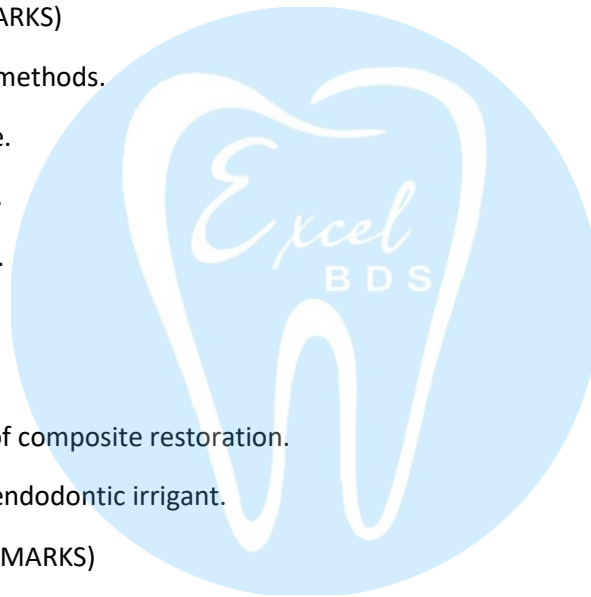
1. Discuss treatment strategies for dentin hypersensitivity
2. Discuss root canal shaping techniques.

#### SHORT ESSAYS (8X5=40MARKS)

3. Newer caries detection methods.
4. Cracked tooth syndrome.
5. Primary resistance form.
6. External root resorption.
7. Wedging techniques.
8. Electric pulp test.
9. Finishing and Polishing of composite restoration.
10. Ideal requirements of endodontic irrigant.

#### SHORT ANSWERS (5X2=10MARKS)

11. Embrasure space
12. Phoenix abscess.
13. Erosion.
14. Ellis and Davey classification for fractured teeth
15. Smear layer.



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JULY- 2019

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

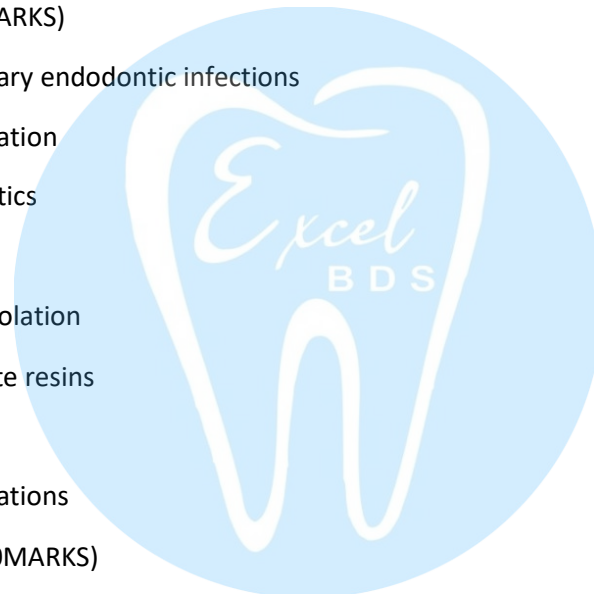
1. Management of open apex in a non-vital tooth
2. Discuss indirect restorations versus direct restorations in posterior teeth.

#### SHORT ESSAYS (8X5=40MARKS)

3. Microorganisms in primary endodontic infections
4. Recent advances in irrigation
5. Smear layer in endodontics
6. Sectional matrices
7. Role of rubber dam in isolation
8. Bases beneath composite resins
9. MTA
10. Microleakage in restorations

#### SHORT ANSWERS (5X2=10MARKS)

11. Biofilm
12. Circumferential tie
13. Hybrid layer in bonding
14. Remaining Dentin Thickness
15. Ultrasonics in endodontics



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2018

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define Class II Inlay. Give the Indications and contraindications for Class II inlay. Discuss the basic concepts of cavity preparation.
2. Define the working length. List the various methods of working length determination. Write in detail about Ingle's method.

#### SHORT ESSAYS (8X5=40MARKS)

3. Classification of endodontic instruments.
4. Porosities in dental castings
5. Culture ztest
6. Self etch adhesives
7. Instrument formula for operative hand instruments
8. Keplantation of avulsed tooth
9. Speeds in operative dentistry
10. Applications of lasers in endodontics

#### SHORT ANSWERS (5X2=10MARKS)

11. Apexogenesis
12. Self threaded pins
13. Ellots separator
14. cermet cement
15. Retraction cord



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JULY- 2018

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

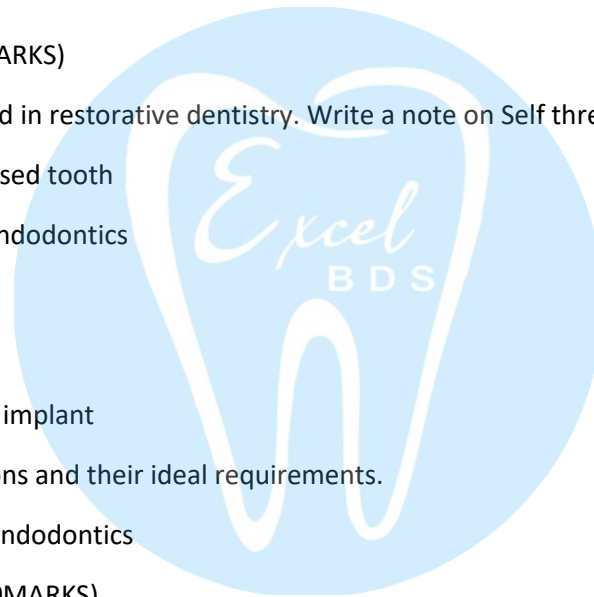
1. Describe causes, theories, and management of dentinal hypersensitivity.
2. Classify Peri-radicular diseases. Write in detail about etiology, diagnosis and management of acute alveolar abscess.

#### SHORT ESSAYS (8X5=40MARKS)

3. Classify various pins used in restorative dentistry. Write a note on Self threaded pins.
4. Management of an Avulsed tooth
5. Culture media used in endodontics
6. Direct filling gold
7. CAD/CAM technique
8. Endodontic endosseous implant
9. List the irrigating solutions and their ideal requirements.
10. Role of Ultrasonics in Endodontics

#### SHORT ANSWERS (5X2=10MARKS)

11. Double wedging technique
12. Grossman's sealer
13. LASERS in endodontics
14. Radicular cyst
15. Retrograde filling materials





# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2017

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Discuss the etiology of tooth discoloration. Mention the various bleaching agents, and describe nightguard vital bleaching in detail.
2. Define working length, mention various methods of Estimation of Working length and write in detail about Ingle's method.

#### SHORT ESSAYS (8X5=40MARKS)

3. Matrices' used for Class II Restorations
4. Protocol for shade selection
5. Self etch adhesives
6. Sandwich or Bilayered Restorations
7. Acute alveolar abscess
8. Flap designs for endodontic surgery
9. Pulp Vitality Tests
10. Thermoplasticized obturation techniques

#### SHORT ANSWERS (5X2=10MARKS)

11. Direct Pulp Capping
12. Abfraction
- 13 Corrosion
14. Recapitulation
15. Sodium hypochlorite



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE- 2017

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

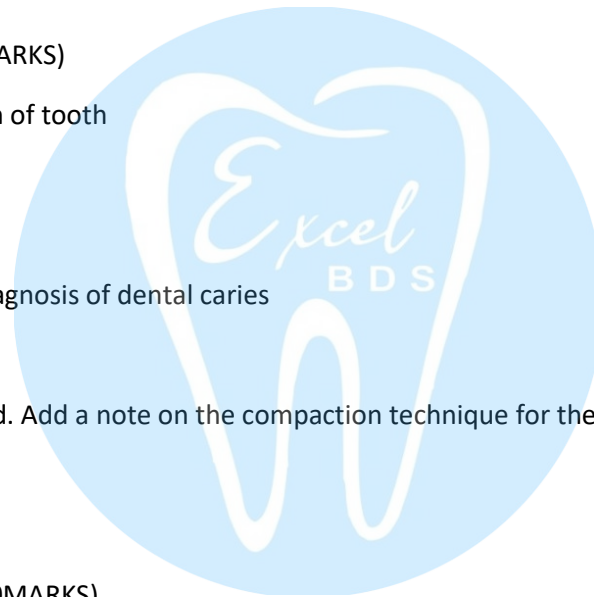
1. Mention different Non-carious lesions of the tooth. Write in detail about Abfractive lesion
2. Mention the various root canal obturation techniques. Write in detail about the thermoplasticized gutta-percha technique.

#### SHORT ESSAYS (8X5=40MARKS)

3. Intentional Replantation of tooth
4. Hybrid composites
5. Post and Core
6. Various aids used for diagnosis of dental caries
7. Obturating materials
8. Classify direct filling gold. Add a note on the compaction technique for the same.
9. Single visit endodontics
10. Root canal sealers

#### SHORT ANSWERS (5X2=10MARKS)

11. Masseran kit
12. Auto matrix
13. Air abrasion technique of cavity preparation
14. Apexogenesis
15. Pit and Fissure sealants



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

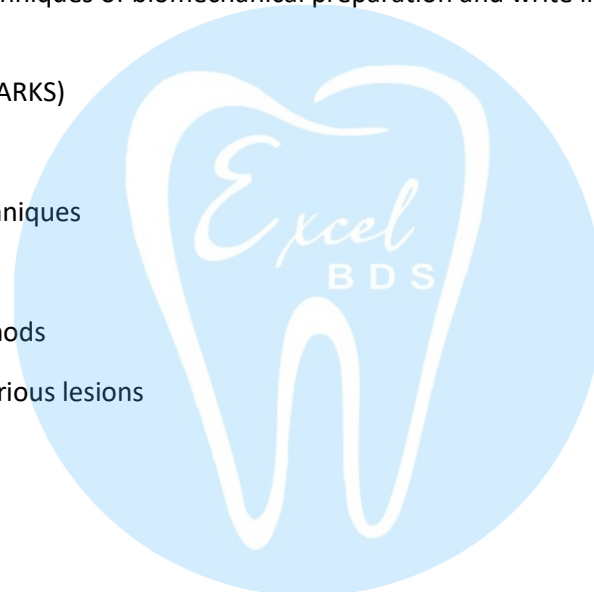
1. Enumerate steps in cavity preparation. Discuss in detail about class II cavity preparation for amalgam in a maxillary first molar.
2. Enumerate different techniques of biomechanical preparation and write in detail about the step-back technique.

#### SHORT ESSAYS (8X5=40MARKS)

3. Separation of teeth
4. Non-vital bleaching techniques
5. Bonding agent
6. Gingival retraction methods
7. Management of Non-carious lesions
8. MTA
9. Pulp vitality test
10. Root canal sealer

#### SHORT ANSWERS (5X2=10MARKS)

11. Mc Spadden's technique
12. Intra canal medicaments
13. Dovetail
14. Dual-cure resin
15. Indirect pulp capping



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE- 2016

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

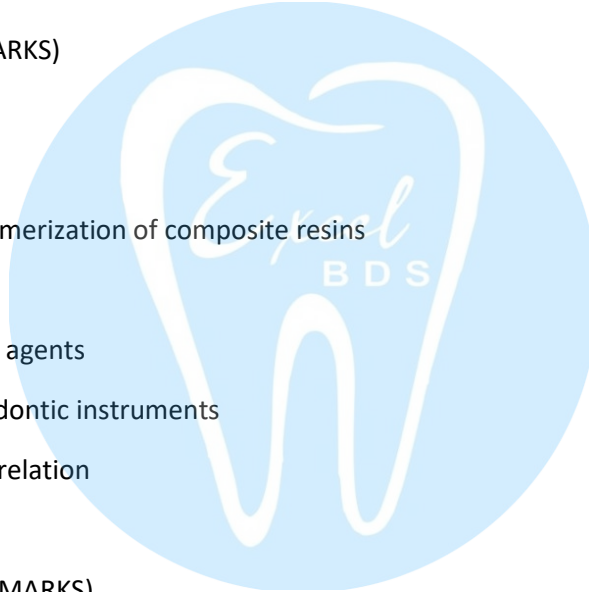
1. Discuss principles of access cavity preparation and write in detail about access cavity preparation for a maxillary central incisor.
2. Classify endodontic instruments and write in detail about their standardization.

#### SHORT ESSAYS (8X5=40MARKS)

3. Separation of teeth
4. Pin amalgam restoration
5. Various methods of polymerization of composite resins
6. Sodium hypochlorite
7. Classification of Bonding agents
8. Standardization of Endodontic instruments
9. Endodontic-Periodontic relation
10. Glass ionomer cement

#### SHORT ANSWERS (5X2=10MARKS)

11. Recapitulation
12. Zinc phosphate cement
13. Bite-wing radiograph
14. Short and long Bevel
15. Cold Pulp test



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2015

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

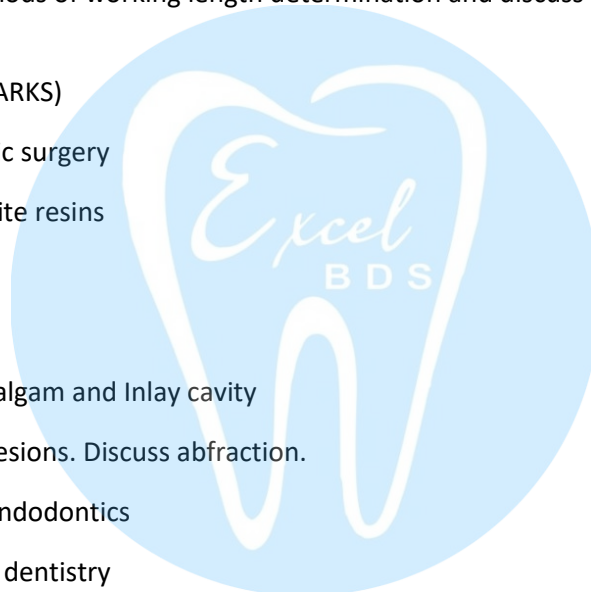
1. Define Class II cavity. Write in detail about the clinical steps involved in the preparation of a Class II cavity for Silver Amalgam restoration in a maxillary first molar.
2. Enumerate various methods of working length determination and discuss the significance of working length in endodontics.

#### SHORT ESSAYS (8X5=40MARKS)

3. Indications of endodontic surgery
4. Classification of composite resins
5. Walking bleach
6. Step-back technique
7. Difference between Amalgam and Inlay cavity
8. Enumerate noncarious lesions. Discuss abfraction.
9. Surgical microscope in endodontics
10. Minimally intervention dentistry

#### SHORT ANSWERS (5X2=10MARKS)

11. Amalgam pin
12. Tunnel preparation
13. Master apical file
14. Acid etching
15. Transillumination test



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JULY- 2015

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

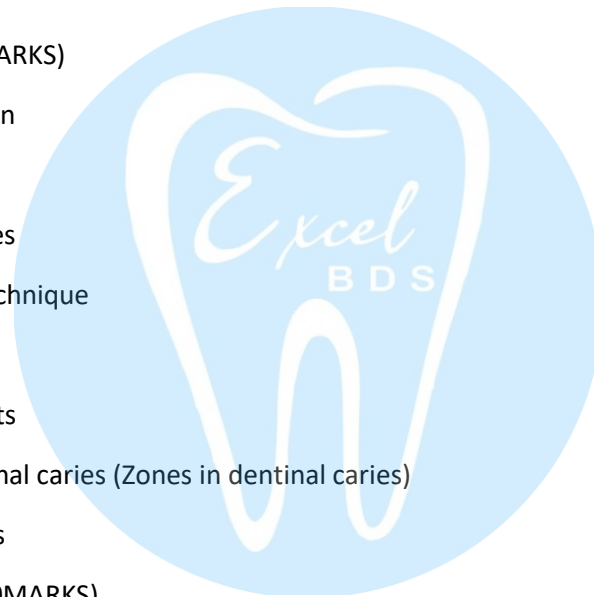
1. Define composites. Classify composite resins and add a note on their recent advances.
2. Enumerate endodontic emergencies and write in detail about the management of Acute Alveolar abscesses.

#### SHORT ESSAYS (8X5=40MARKS)

3. Post and core restoration
4. Luxation injuries
5. Diagnosis of dental caries
6. Lateral condensation technique
7. Direct filling gold
8. Hand cutting instruments
9. Histopathology of dentinal caries (Zones in dentinal caries)
10. Pit and Fissure sealants

#### SHORT ANSWERS (5X2=10MARKS)

11. Miracle mix
12. Coupling agent
13. Slot preparation
14. AH26, AH plus
15. High copper amalgam



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Enumerate various restorative materials used for posterior teeth. Discuss in detail Class cavity preparation for Silver amalgam in Mandibular first molar.
2. Mention the various root canal obturation techniques. Write in detail about lateral condensation technique

#### SHORT ESSAYS (8X5=40MARKS)

3. Classification and uses of Glass ionomer cement
4. Matrices used for Class II restorations
5. Porosities in dental castings
6. Pin Amalgam Restorations
7. Self etch adhesives
8. Root canal Irrigants
9. Walking Bleach technique
10. Root end filling materials

#### SHORT ANSWERS (5X2=10MARKS)

11. Functions of Wedges
12. Caries detecting dyes
13. Acid etching
14. Transillumination
15. Calcium hydroxide



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE- 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

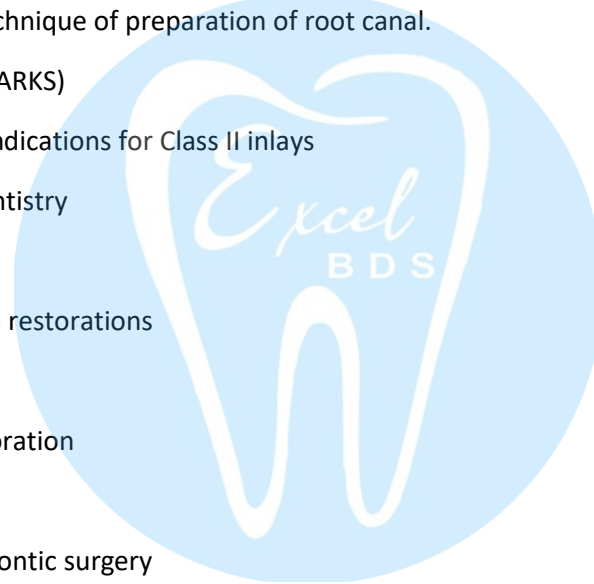
1. Define Dentinal hypersensitivity. Explain the Hydrodynamic theory. What are the treatment options for Dentinal hypersensitivity?
2. Write about the standardization of root canal instruments. Write the indications, advantages, and procedure of step-back technique of preparation of root canal.

#### SHORT ESSAYS (8X5=40MARKS)

3. Indications and Contraindications for Class II inlays
4. Speeds in Operative Dentistry
5. Total etch adhesives
6. Indirect composite resin restorations
7. Die materials
8. Etiology of tooth discoloration
9. Pulp vitality testing
10. Flap designs for Endodontic surgery

#### SHORT ANSWERS (5X2=10MARKS)

11. Enameloplasty
12. Actions of Calcium hydroxide
13. Functions of a temporary restoration
14. Composition of Gutta-percha
15. Bicuspidization





# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2013

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

1. What are the causes for the failure of silver amalgam restoration? Add a note on the features of such a restoration.
2. What are the methods of Disinfection of the root canal? Write in detail about antiseptic intracanal medicaments.

#### SHORT ESSAYS (8X5=40MARKS)

3. Newer methods of diagnosis of caries
4. Bevels in cast restoration
5. Dentin bonding agents
6. Types of Pins
7. Gingival tissue retraction
8. Etiology of pulpal diseases
9. Perforation and its management
10. Indications of endodontic surgery

#### SHORT ANSWERS (5X2=10MARKS)

11. Abfraction
12. Techniques of wedging
13. Advantages of Glass ionomer cement
14. Nickel-titanium files
15. Glass bead Sterilizer



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE- 2013

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

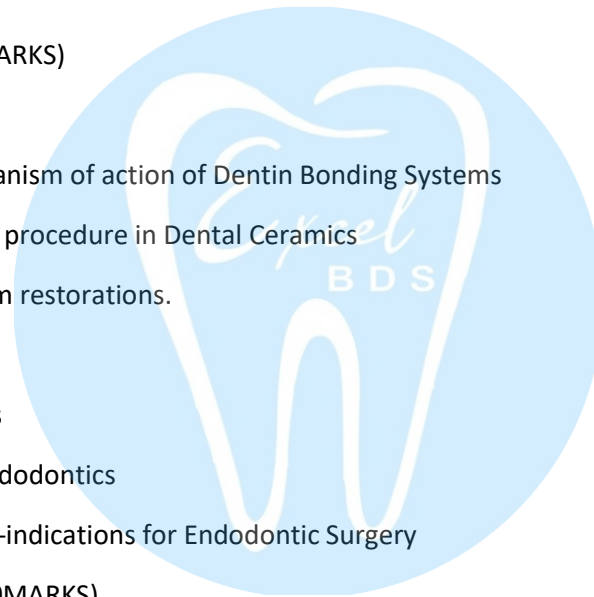
1. Describe the causes, theories, and management of Dentinal Hypersensitivity
2. Classify Periradicular diseases. Describe in detail the etiology, diagnosis, and management of Acute Alveolar Abscess.

#### SHORT ESSAYS (8X5=40MARKS)

3. Dental erosion
4. Classification and mechanism of action of Dentin Bonding Systems
5. Condensation and firing procedure in Dental Ceramics
6. Failure of Silver amalgam restorations.
7. Separation of teeth
8. Intracanal Medicaments
9. Role of ultrasonics in endodontics
10. Indications and Contra-indications for Endodontic Surgery

#### SHORT ANSWERS (5X2=10MARKS)

11. Types of Gold foil
12. Finishing and polishing of Composite resin restorations
13. Speeds in Operative Dentistry
14. Ethylene Diamino Tetracetic Acid
15. Buccal object rule



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DECEMBER- 2012

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define dental composite resin. Mention the composition and classification of composites. Discuss in detail the clinical management of Incisal edge fractures of upper right central incisor using composite resin

2. Mention the various clinical diagnostic Acids used in Endodontics. Describe in detail vitality testing

#### SHORT ESSAYS (8X5=40MARKS)

3. Tooth isolation methods

4. self threaded pins

5. Gingival tissue management

6. Classification, composition, and uses of glass ionomer cement

7. Composition and properties of High copper amalgam

8. Step-back preparation

9. Management of an Avulsed tooth.

10. Classification of pulpal diseases.

#### SHORT ANSWERS (5X2=10MARKS)

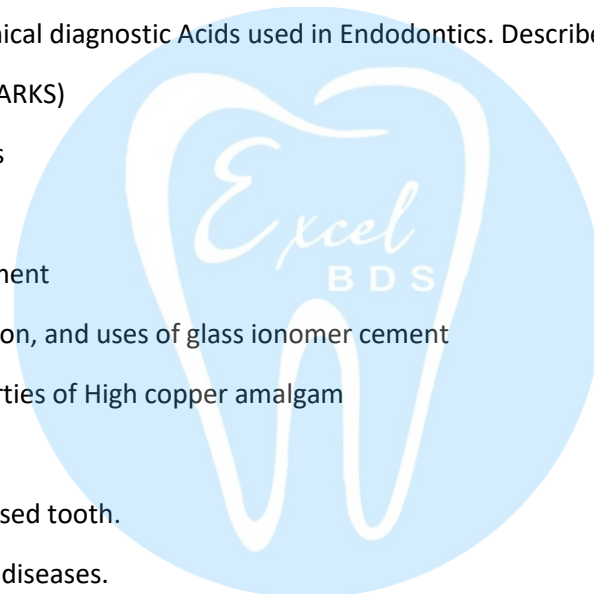
11. Double wedding technique

12. Instrument formula

13. Automatrix

14. Acute apical periodontitis

15. Bicupidization



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE/JULY- 2012

Time: Three Hours

Max. Marks: 70 Marks

### CONSERVATIVE DENTISTRY & ENDODONTICS (RS3)

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

1. Compare the features of class II cavity preparation for silver amalgam restoration and a gold inlay.
2. Enumerate the causes for discoloration of teeth and their treatment modalities. Explain the walking bleach technique.

#### SHORT ESSAYS (8X5=40MARKS)

3. Dental mercury hygiene recommendations
4. Direct Pulp capping
5. Fillers in composite resin
6. Refractory material.
7. CAD /CAM technique
8. Electronic apex locators
9. Splinting of traumatized tooth
10. Classify endodontic instruments

#### SHORT ANSWERS (5X2=10MARKS)

11. Cavity base.
12. High copper amalgam.
13. Instruments formula.
14. Radicular cyst.
15. Replantation of teeth.





# Excel BDS

We have solved RGUHS Papers with answer  
To check out material

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**[Excel Dentistry - 2nd Year Click here](#)**

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**[Excel Dentistry - 3rd Year Click here](#)**

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