

[RS 521] APRIL - 1993

FINAL B.D.S. DEGREE EXAMINATION

(Old Regulations)

Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Classify instruments used in conservative dentistry.
Write in detail about rotary cutting instruments. (16)
2. What are the diagnostic aids in endodontics? (16)
3. Write short notes on :
 - (a) Moisture control during operative procedures
 - (b) Irrigation of root canal
 - (c) Pit and fissure sealants (18)

SECTION B

4. What is retention form? Describe the methods to obtain retention form in a class II cavity for silver amalgam restoration. (16)

5. What is composite resin? What are the different types of composite resin? Discuss the various uses of composite resins. (16)

6. Write short notes on :
 - (a) Treatment of hypersensitivity
 - (b) Walking bleach
 - (c) Restoration of endodontically treated teeth (18)

[SB 550]

APRIL - 1995

Final B.D.S. Degree Examination

(Old Regulations)

**Paper I - CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Maximum : 100 Marks

Answer All questions

Answer sections A and B in separate answer books

Draw diagrams wherever necessary

SECTION A

1. What is an inlay ? What are the basic features of a class II inlay preparation to receive cast gold alloy ? What are the different methods of obtaining the impression of an inlay preparation ?
(16)
2. Discuss classification, composition, manipulation and uses of composite resin restorative materials.
(16)
3. Write short notes on : (3×6=18)
 - a) Advantages of high copper amalgam.
 - b) Failure of pin restorations.
 - c) Gingival tissue management.

SECTION B

1. Discuss briefly about the procedures for obtaining sterility of root canal. (16)
2. What is replantation ? what are the indications and contraindications for this procedure ? Write briefly about the procedure of intentional replantation. (16)
3. Write short notes on :
 - a) Vitality tests
 - b) Walking bleach
 - c) Supplemental anaesthetic techniques in endodontics. (3×6=18)

[SB 557]

APRIL - 1995

Fourth B.D.S. Degree Examination

(New Regulations)

**Paper I - CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Maximum : 90 marks

Two and a half hours
for Section A and B

Sections A and B : 60 marks

Answer Section A and B in separate Answer Books.

Answer Section C in the answer sheet provided

SECTION—A

(2×15 = 30)

1. List the advantages of high copper amalgam. Describe briefly the basic procedures for a class II cavity preparation to receive silver amalgam. Add a note on mercury hygiene. (15)
2. Classify tooth discolouration. What are the causes for the same? How do you bleach the vital and non vital teeth. (15)

SECTION—B

(6×5 = 30)

3. Write short notes on :

- a) Gingival marginal trimmer
- b) Acid etching
- c) Failure of pin restorations
- d) Apexification
- e) Supplemental anaesthetic technics in endodontics
- f) Hemisection

[AK 827] APRIL - 1996

Final B. D. S. Degree Examination

(Old Regulations)

**Paper I - CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Maximum : 100 marks

Answer All questions

Answer sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION—A

1. Describe the etiology and treatment of pain after placement of restoration. (16)
2. Classify Silver amalgam alloys. Discuss the properties and advantages of High Copper Dental amalgam alloys. (16)
3. Write notes on : (3X6 = 18)
 - a) Bevels
 - b) Glass bead sterilizer
 - c) Gingival marginal trimmer

SECTION - B

1. Enumerate the methods to obturate root canal. Describe lateral condensation method to obturate the root canal with gutta percha. (16)
2. Discuss the factors considered while selecting a restorative material to be used for posterior tooth restoration. (16)
3. Write notes on : (3X6 = 18)
 - a) Pulp capping
 - b) Bleaching of vital tooth
 - c) Inlay wax

[AK 634]

APRIL - 1996

Fourth B. D. S. Degree Examination

(New Regulations)

**Paper I - CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Max : 90 marks

Two and a half an hour

Sec. A and B : 60 marks

for Sec. A and B

Answer Section A and B in separate answer books

Answer Section C in the answer sheet provided

SECTION—A (2×15 = 30)

1. Describe the rationale of endodontic treatment.
(15)
2. Describe the role of matrices in conservative dentistry.
(15)

SECTION—B

(6X5 = 30)

3. Write short notes on :

- a) Pulpotomy
- b) Gingival marginal trimmer
- c) E.D.T.A.
- d) Gloss inomer cement
- e) Thermal diagnostic tests
- f) Walking bleach.

[PK 631] OCTOBER - 1996

FINAL B.D.S. DEGREE EXAMINATION.

(Old Regulations)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Mention treatment options for cervically eroded lesions. Add a note on metal modified glass ionomers. (16)
2. Mention treatment options for discoloured vital anterior teeth. Add a note on nightguard vital bleaching. (16)
3. Write notes on :
 - (a) Wedges in conservative dentistry.
 - (b) Cavity-liners-bases-varnishes.
 - (c) Barrier techniques in infection control. (3 × 6 = 18)

SECTION B

4. Mention indications for periapical surgery. Add a note on different flap designs for periapical surgery. (16)
5. Classify endodontic instruments. Write briefly on Gates glidden drill and the paeso reamer. (16)

[PK 631]

6. Write short notes on :

- (a) Role of sealants in endodontics.
- (b) Endosonics.
- (c) Root canal irrigants.

(3 × 6 = 18)

[P 638] OCTOBER - 1996 Subject Code : 4118

FINAL B.D.S. DEGREE EXAMINATION.

(New Regulations)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : Three hours Maximum : 90 marks

Two and a half hours Sections A and B : 60 marks
for Sec. A and B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A -- (2 × 15 = 30 marks)

1. What is an indirect method of inlay preparation? Describe impression procedures for the same. (15)
2. Classify Dental cements. Give the composition, manipulation and advantages/disadvantages of glass ionomer restorative cement. (15)

SECTION B -- (6 × 5 = 30 marks)

3. Write notes on :
 - (a) Mechanical separators.
 - (b) Marginal leakage.
 - (c) Root canal files.
 - (d) Tarnish and corrosion.
 - (e) Instrument formula.
 - (f) Quick setting zinc-oxide Eugenol cements.

(MS 631) OCTOBER - 1997

FINAL B.D.S. DEGREE EXAMINATION

(Old Regulations)

PAPER-I CONSERVATIVE DENTISTRY AND ENDODONTICS

Time: Three hours

Max:100 marks

Answer Sections A and B in
separate answer books

SECTION-A

1. What is acid etch technique? Write step by step procedure of restoring angle fractured maxillary central incisor with composite resins. (16)
2. Classify root canal sealants. Write briefly on the instruments used in coating canal walls with root canal sealants and the procedure. (16)
3. Write short notes on: (3x6=18)
 - a) Mercury toxicity.
 - b) Culture methods in endodontics.
 - c) Flap designs for periapical surgery.

SECTION-B

4. Classify periapical pathologies. Write briefly on clinical and histopathological diagnosis of a periapical cyst. (16)
5. What is automatrix. Write briefly on automatrix. Mention its advantages and disadvantages. (16)
6. Write short notes on: (3x6=18)
 - a) Phoenix abscess.
 - b) Bicuspidisation.
 - c) Endodontic triad.

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[MS 638] OCTOBER - 1997 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(New Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Maximum : 90 marks

**Two and a half hours
for Sections A and B**

Sections A & B : 60 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. How would you proceed to restore largely abraded maxillary canine? Describe in detail.**
- 2. What are the ideal requirements of root canal filling material? Describe the lateral condensation technique.**

SECTION B — (6 × 5 = 30 marks)

- 3. Write short notes on :**

- (a) Classification of dental caries.**
- (b) Dental burs.**
- (c) Porosities in castings.**
- (d) Post-endodontic restorations.**
- (e) Phoenix abscess.**
- (f) Automatrix.**

[MS 645] OCTOBER - 1997 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(New/Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sec. A & B : 70 marks

for Sec. A and B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

Mention basic rules for conservative class II preparation to receive high copper amalgam. Add a note on mercury toxicity.

2. Classify endodontic instruments. Describe the hand instruments used for cleaning and shaping of root canal

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

(a) Gingival retraction.

(b) Acid etching.

(c) Diagnosis of interproximal caries.

[MS 645]

(d) Irreversible pulpitis.

(e) Glass cermet cements.

(f) Asepsis in endodontics.

(g) Dentin bonding agents.

(h) Vitality tests.

[SV 638] APRIL - 1998 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(New Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours	Maximum : 90 marks
Two and a half hours	Sec. A & Sec. B : 60 marks
for Sec. A and Sec. B	Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

Describe the various methods used for sterilization of endodontic instruments.

2. Give indications and contraindications for periapical surgery.

SECTION B — (6 × 5 = 30 marks)

3. Write short notes on :

- (a) Metal modified glass Ionomer cement.**
 - (b) Endodontic implants.**
 - (c) Dentine Bonding agents.**
 - (d) Disinfection of Impressions.**
 - (e) Radiography in endodontics.**
 - (f) Test cavity.**
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[SV 645] APRIL - 1998 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Old/Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours Maximum : 100 marks
Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Describe the technique of bleaching discoloured vital and nonvital teeth.**
- 2. Give indications for Glass Ionomer Restoration. Describe the various advantages and disadvantages of Glass Ionomer Cement.**

SECTION B — (8 × 5 = 40 marks)

- 3. Write short notes on :**
 - (a) Enamel Hatchets.**
 - (b) Access cavity.**
 - (c) Self threaded pins.**
 - (d) Classification of Injuries to teeth.**
 - (e) Calcium hydroxide.**
 - (f) Root Canal Irrigants.**
 - (g) Indications for composite resins.**
 - (h) Endosonics.**
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[SM 638] OCTOBER - 1998 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(New Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours Maximum : 90 marks
Two and a half hours Sec. A & Sec. B : 60 marks
for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Describe the treatment modalities for a patient aged 8 years, with an Elli's class III fracture of a maxillary right central incisor.
2. Describe the features of a class II cavity for a gold inlay restoration.

SECTION B — (6 × 5 = 30 marks)

3. Write short notes on :
 - (a) Temporary restoration
 - (b) Tunnel preparation
 - (c) Dental lasers
 - (d) Acid etch technique
 - (e) Flap designs for periapical surgery
 - (f) Thermoplasticised guttapercha technique.
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[SM 645] OCTOBER - 1998 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Old/Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours	Maximum : 100 marks
Two and a half hours	Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B	Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What are the objectives and principles/rules of cleaning and shaping of the root canal? Describe the step-back technique.
2. Define a class II gold inlay. Describe the aprueing of a wax pattern.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) High speed rotary cutting device
 - (b) Wedge
 - (c) Mercury hygiene
 - (d) Posterior composite resin restoration
 - (e) Dentis hypersensitivity
 - (f) Standardisation of root canal instruments
 - (g) Guttapercha points
 - (h) Replantation.
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[SG 645] APRIL - 1999 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What are endodontic emergencies? Describe in detail the management of such emergencies.
2. Write about various tooth coloured filling materials used in the field of conservative dentistry.

SECTION B — (8 × 5 = 40 marks)

3.
 - (a) Endodontic implants.
 - (b) Vital bleaching technique.
 - (c) Tunneling.
 - (d) High speeds and fiber optics.
 - (e) Sterilisation of endodontic instruments.
 - (f) Pulp responses to cavity cutting procedure.
 - (g) Composite resins.
 - (h) Flap designs for apical surgery.
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[KA 645] OCTOBER - 1999 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours Maximum : 100 marks

**Two and half a hours Sec. A and Sec. B : 70 marks
for Sec. A and Sec. B. Section C : 30 marks**

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Describe the preparation of a simple class I cavity using modern rotary instruments.**
- 2. List the different types of porcelains. Indicate the various types of porcelain restorations. State the merits and demerits of porcelain.**

SECTION B — (8 × 5 = 40 marks)

Write short notes on.

- 3. (a) Standardisation of endodontic instruments**
- (b) Bleaching of discoloured non-vital teeth**
- (c) Contra-indications for Root Canal Treatment**
- (d) Pulpotomy**
- (e) Mercury toxicity**

(f) Procedure of acid etch technique using light cure bonding agent

(g) Inlay cavity preparation of class II and taking of wax pattern directly

(h) Signs and symptoms of failure of endodontic treatment.

[KB 645] APRIL - 2000 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in separate Answer books.

Answer Section C in the answer sheet provided.

SECTION A — ($2 \times 15 = 30$ marks)

1. When will you obturate the root canal? Describe different methods of obturation of root canal and discuss any one method of obturation of root canal in detail.

2. Enumerate the principles of cavity preparation. Discuss retention and resistance form in C1 II cavity preparation for amalgam restoration on mandibular 1st Molar tooth.

SECTION B — ($8 \times 5 = 40$ marks)

3. Write short notes on :

- (a) Sterilization of hand piece
- (b) Bevels
- (c) Miracle mix and glass cermets
- (d) Classification of endodontic instruments
- (e) Diagnostic aids in endodontics
- (f) Home bleaching
- (g) Phoenix abscess
- (h) Objectives and classification of endodontic posts.

[KC 645] OCTOBER - 2000 Sub. Code : 4116

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

**Paper I — CONSERVATIVE DENTISTRY AND
ENDODONTICS**

Time : Three hours Maximum : 100 marks

**Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B Section C : 30 marks**

Answer Sections A and B in separate Answer Books.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. List the procedural errors that can occur during Biomechanical preparation of the root canal and give the management for the same.
2. What are the causes for failure of a Class II silver Amalgam restoration?

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Uses of Calcium hydroxide
 - (b) Separators
 - (c) Attrition

- (d) Cavity varnish
 - (e) Hemisection
 - (f) Gingival marginal trimmer
 - (g) Rake angles in bur head design
 - (h) Vitality tests.
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