

M.D.S. DEGREE EXAMINATION, MARCH 1990.

Branch III — Operative Dentistry

Part II

OPERATIVE DENTISTRY AND DENTAL MATERIALS

Time : Three hours.

Answer ALL the questions.

1. Discuss the non Carious Destruction and Disfigurement of teeth and its management.
 2. Discuss various cavity designs for class II amalgam restorations.
 3. The biologic form and choice of materials for cast restoration — Discuss.
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M.D.S. DEGREE EXAMINATION, SEPTEMBER 1991

Part II

Branch III — Operative Dentistry

Paper — OPERATIVE DENTISTRY AND DENTAL
MATERIALS

Time Three hours Maximum : 100 marks

Answer any Five questions.
All questions carry equal mark

1. Discuss the progress made in the development of Adhesive Restorations.
2. Analyse various forces Acting on Restorative materials and Restoration. Discuss measures to contract the forces.
3. Describe the changes in Dental tissue as a result of operative procedures.
4. Analyse the forces acting on a cast restoration and the methods adopted to ensure the retention and stability of the same.

Evaluate the present status of Anterior Restorations

6. Discuss the importance of "Contact point". What are methods which an effective contact point could be obtained ?
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MARCH 1992

M.D.S. DEGREE EXAMINATION, MARCH 1992

Branch III — Operative Dentistry

Part II

Paper I — OPERATIVE DENTISTRY AND DENTAL
MATERIALS

Time : Three hours

Answer any FIVE questions.

All questions carry equal marks

1. Discuss the role of glass ionomer cement in modern dentistry.
 2. What are the different dentine bonding agents used in composite restorations? Critically evaluate the role of these bonding agents.
 3. Discuss the clinical management of hypersensitive dentine.
 4. Discuss the recent advances in dental porcelain
 5. Discuss the different types of retentive pins used in restorative dentistry.
 6. Discuss in detail the diagnosis and management of deep carious lesion.
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SEPTEMBER 1992

M.D.S. DEGREE EXAMINATION, SEPTEMBER 1992

Branch III — Operative Dentistry

Part II

Paper I — OPERATIVE DENTISTRY AND DENTAL
MATERIALS

Time Three hours. Maximum : 100 marks.

Answer ALL the questions.

1. What are the different Dentine bonding agents used in composite restorations. Critically evaluate the role of these bonding agents in composite restorations. (25)
2. Discuss the clinical management of hypersensitive Dentine. (25)
3. Discuss briefly on : (5×10=50)
 - (a) Toxic effect of mercury in amalgam restoration.
 - (b) Senile caries and its management.
 - (c) Composite Inlay.
 - (d) Recent advances in Dental porcelain.
 - (e) Glass Ionomer cement.

PR 435

NOVEMBER 1993

M.D.S. DEGREE EXAMINATION

Part II

Branch III — Conservative Dentistry

Paper — OPERATIVE DENTISTRY AND DENTAL
MATERIALS

Time Three hours

Answer any FIVE questions

1. Discuss biological and mechanical principle involved in restoring lost part of the tooth.
 2. Discuss marginal integrity of restorative materials and its prevention.
 3. Discuss clinical behaviour of various types of amalgam restoration of recent origin and associated toxicity.
 4. Evaluate metallic and non-metallic inlays and onlays
 5. Give your views on Direct Gold Restoration in modern dentistry.
 6. Give an account of matrices and applications
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APRIL 1995

[SB 272

M.D.S. DEGREE EXAMINATION,

New Regulations

Part II

Branch III — Conservative Dentistry

Paper II — DENTAL MATERIALS AND PRESERVATIVE
DENTISTRY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss critically silver amalgam as a restorative material. (25)
 2. Discuss recent advantages in glass ionomer cements. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Role of topical fluorides in caries prevention.
 - (b) Caries immunization.
 - (c) Acid etching.
 - (d) Merits and demerits of elastomers as impression material for cast restorations.
 - (e) DIE materials.
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OCTOBER 1996

PK 241

M.D.S. DEGREE EXAMINATION

(New Regulations)

Part II

Branch III - Conservative Dentistry

Paper II - DENTAL MATERIALS AND PREVENTIVE
DENTISTRY

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss "Dentine Bonding" and recent development. (25)
 2. Alternatives to Gold alloys - Discuss. (25)
 3. Write briefly on: (5x10=50)
 - (a) Mercury hygiene
 - (b) Role of diet in prevention of dental caries
 - (c) Light cure glass Ionomers
 - (d) Refractory materials
 - (e) Caries activity tests.
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APRIL 1997

MP222

M.D.S. DEGREE EXAMINATION

(New Regulations)

Part II

Branch III - Conservative Dentistry

Paper II - DENTAL MATERIALS AND PREVENTIVE
DENTISTRY

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss recent advances in adhesive cement. (25)
 2. Discuss critically about Elastomers as impression material for cast restorations (25)
 3. Write briefly on: (5x10=50)
 - (a) Die materials
 - (b) Acid etching and bonding technique
 - (c) Tooth coloured restorative materials
 - (d) Various caries activity tests
 - (e) Inlay wax.
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APRIL 1998

SV 232

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch III - Conservative Dentistry

Part II

Paper II - DENTAL MATERIALS AND PREVENTIVE
DENTISTRY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss critically the cavity liners and bases. (25)
 2. Discuss " Dentine Bonding " and recent developments. (25)
 3. Write briefly on: (5x10=50)
 - (a) Mercury hygiene
 - (b) Role of diet in causation of dental caries
 - (c) Pit and fissure sealants
 - (d) Tarnish and corrosion
 - (e) Endodontic implant materials.
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OCTOBER 1999

[KA 361]

M.D.S. DEGREE EXAMINATION

Branch III — Conservative Dentistry

Part II

**Paper II — DENTAL MATERIALS AND PREVENTIVE
DENTISTRY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Is there a decline of Gold Restorations? Discuss critically the present status. (25)
 2. Discuss the Panorama of ceramics available to the modern ceramist and practising dentist. (25)
 3. Write briefly on :
 - (a) Poly acid modified composite resins
 - (b) Caries activity tests
 - (c) Shade selection in ceramics
 - (d) Luting cements
 - (e) Inlay casting wax. (5 × 10 = 50)
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APRIL 2000

[KB 361]

M.D.S. DEGREE EXAMINATION.

Branch III — Conservative Dentistry

Part II

**Paper II — DENTAL MATERIALS AND
PREVENTIVE DENTISTRY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss caries immunity in light of recent research. (25)
 2. Discuss the status of amalgam as a restorative material in the next millennium. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Castable ceramics.
 - (b) Investment materials.
 - (c) Cohesive gold.
 - (d) Hybrid composites.
 - (e) Cements for temporary restorations.
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[KC 361] **OCTOBER 2000**

M.D.S. DEGREE EXAMINATION

Part II

Branch III – Conservative dentistry

**Paper II — DENTAL MATERIALS AND PREVENTIVE
DENTISTRY**

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Towards a mercury free restoration? Discuss critically the tooth coloured restorations against silver amalgam restoration. (25)
 2. Discuss semi-precious alloys as substitute to gold alloys. (25)
 3. Write briefly on (5 × 10 = 50)
 - (a) Resin modified glass-ionomer cements
 - (b) Pulp protection materials.
 - (c) Laminate veneers.
 - (d) Rampant caries management
 - (e) Shade selection in ceramics.
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