

APRIL 2001

[KD 374]

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch VI — Prosthodontics

Part II

Paper III — CROWN AND FIXED PARTIAL
PROSTHESIS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Give a critical evaluation of luting agents used in crown and bridge prosthesis. (25)
 2. Describe material and techniques for construction core for supporting full crowns on anterior and posterior teeth. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Resin bonded bridges
 - (b) Selection of abutments
 - (c) Provisional restorations
 - (d) Collarless metal ceramic restoration
 - (e) Gingival retraction.
-

NOVEMBER 2001

[KE 374]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

**Paper III — CROWN AND FIXED PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Historical review and latest trends in Dental Castings. (25)
 2. How to maintain the Longevity of a vital aboutment? (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) New breed of luting agents eliminate Conventional design — Briefly discuss.
 - (b) The Junction between facing and metal is a curse for Prosthodontist — Discuss briefly.
 - (c) Cast post and core versus Dowel pin core.
 - (d) Additional Retentive Procedures in Fixed Partial Prosthesis.
 - (e) Gingival Finish line in relation to Cermometal restorations.
-

MARCH 2002

[KG 374]

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch VI — Prosthodontics

Part II

**Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the role of finish lines in fixed partial denture success. (25)
 2. Armamentarium for tooth preparation for complete veneer crown. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Diagnostic work up.
 - (b) Biologic principles of tooth preparation.
 - (c) Monophase impression materials.
 - (d) Surface characterization of ceramic restorations.
 - (e) Salvaging restoration.
-

SEPTEMBER 2002

[KH 374]

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch VI — Prosthodontics

Part II

Paper III — CROWN AND FIXED PARTIAL
PROSTHESIS

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss Porcelain Fused to Metal versus, metal free Ceramics. (25)
2. Discuss Prosthodontic, modalities to treat abused, malformed, broken down and worn out teeth. (25)
- 3 Write briefly on (5 × 10 = 50)
 - (a) Connectors make or break a Prosthesis.
Write briefly.
 - (b) Precautions to be taken for Non-vital abutment.

(c) Role of provisional Restoration in the Fixed Partial Prosthesis.

(d) Importance of Reservoir in Castings.

(e) Electroplated dies and die materials

APRIL 2003

[KI 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Coronoradicular stabilization. (25)
 2. Color science for esthetic restorations. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Tilted abutment
 - (b) Chief complaints of F.P.D. patients
 - (c) T.D.A. System
 - (d) P.K.T. Instruments
 - (e) Home care of fixed partial dentures.
-

OCTOBER 2003

[KJ 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

**Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

**Theory : 80 marks
M.C.Q. : 20 marks**

M.C.Q. : Twenty minutes

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions on
the first page of M.C.Q. Booklet.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- 1. Biomechanical considerations of tooth preparation in FPD.**
- 2. Importance of cements and cementation for successful FPD.**

3. Write Short Notes :

- (1) Soft tissue management.**
- (2) Newer ceramic materials used in FPD.**
- (3) Failures in FPD.**
- (4) Precision attachments.**
- (5) Importance of finish lines.**
- (6) Provisional restorations.**
- (7) Laminates.**
- (8) Ovate pontic design**
- (9) Importance of radiographs in FPD.**
- (10) Alloys used in FPD.**

APRIL 2004

[KK 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and forty
minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

A. Essay : (2 × 15 = 30)

(1) Discuss the rationale of abutment assessment and selection for fixed bridge prosthesis.

(2) Discuss the rationale of elastic impression materials in crown and bridge prosthesis.

B. Write short notes : (10 × 5 = 50)

(1) Methods of Gingival retraction.

(2) Adhesive bridges

(3) Inter reactions between finish lines and types of restoration.

(4) Casting defects and measures to avoid them.

(5) Method of preparing 'Dies' in fixed prosthesis.

(6) Compare precious and non-precious alloys in fixed prosthesis.

(7) Validity of cantilever principle in fixed prosthesis design.

(8) Fluid control during tooth preparation.

(9) Structural durability.

(10) Porcelain fused to metal crowns.

AUGUST 2004

[KL 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

**Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(2 × 15 = 30)

**(1) What are Dental implants? Classify them.
Write about scope, current status and future
perspectives of single tooth implants.**

**(2) Describe the causes of failure in fixed partial
dentures. Discuss the methods of rectifying them.**

II. Write short notes on :

(10 × 5 = 50)

- (a) Dental esthetics and golden proportion**
- (b) Esthetic factors in smile**
- (c) Use of shade guides in prosthodontics**
- (d) Electrosurgery for finish line exposure**
- (e) Crown margin placement in relation to
gingival crest**
- (f) Die systems in FPD**
- (g) Axial crown contours**
- (h) Ceramometal restorations**
- (i) Pontic residual ridge relationship**
- (j) Types of bonding in resin bonded retainers.**

FEBRUARY 2005

[KM 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

Part II

**Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Long essays :

(2 × 15 = 30)

(1) Enumerate Pontics, their ideal requirements and write in detail about the factors governing their design.

(2) Write about the impression materials, and different techniques of handling them with relation to F.P.D. impressions.

II. Short notes on :

(10 × 5 = 50)

(a) Worn out dentition.

(b) Implant and tooth supported F.P.D.

(c) Current status of luting cements.

(d) Inter-occlusal records for F.P.D.

(e) Pier abutment.

(f) Corono radicular retainers.

(g) Soldering technique.

(h) Oxidation for metal ceramics.

(i) Titanium castings advantages and disadvantages.

(j) Additional retention in F.P.D.

SEPTEMBER 2006

[KP 374]

Sub. Code : 2353

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

**Paper III — CROWN AND BRIDGE PARTIAL
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Recent advances in Dental Ceramics. (20)

**(2) Discuss biomechanical considerations in
construction of Fixed partial denture. (15)**

**(3) List the various techniques of gingival tissue
management and explain in detail. (15)**

II. Short notes :

(6 × 5 = 30)

(a) Electroformed dies

(b) Role of Radiographs in diagnosis of FPD

(c) Suck-back porosity

(d) Spring bridge

(e) Pier abutment

(f) Non-rigid connectors.

MARCH 2007

[KQ 374]

Sub. Code : 2353

M.D.S DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

**(For candidates admitted from the academic year 1993–
94 onwards)**

**Paper III — CROWN AND FIXED PARTIAL
PROTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays :

- 1. Discuss bio mechanical principles involved in tooth preparation. (20)**
- 2. Discuss perio and prosthodontic relation in selecting abutments. (15)**
- 3. Management of worn out dentition with emphasis on establishing V.D. (15)**

II. Short notes :

(6 × 5 = 30)

- (a) Discuss laminates, add a note on selection of luting agent for the same.**
 - (b) Techniques of impression making for implants.**
 - (c) Discuss failures of Osseo integration.**
 - (d) Recent advances in post systems.**
 - (e) Gingival retraction boon or bane.**
 - (f) Role of articulators in F.P.D.**
-