

[KD 650] APRIL - 2001 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper IV — PROSTHODONTICS AND CROWN
AND BRIDGE

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

Answer Sections A and B in the same Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What is balanced occlusion? How do you establish it while fabricating a complete denture?
2. Explain the mode of classification of Removable Partial Denture with a diagram. Give the importance of such a classification.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Neutral Zone
 - (b) Dentogenic concept
 - (c) Significance of rest position of the mandible
 - (d) Tensofrictional resistance
 - (e) Selective pressure technique
 - (f) Average movement articulators
 - (g) Extra coronal retainers in Fixed Partial Prosthodontics
 - (h) Mouth preparation prior to R.P.D. services.

[KE 650]

Sub. Code : 4121

NOVEMBER - 2001

FINAL B.D.S DEGREE EXAMINATION.

(Revised Regulations)

Paper VI — PROSTHODONTICS AND
CROWN AND BRIDGE

Time : Three hours Maximum : 100 marks

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

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

Answer Sections A and B in the same Answer Book.

Answer Section C in the Answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define CENTRIC RELATION. List the various methods to record it and describe any one of them in detail. Add a note on the difficulties encountered while recording centric relation.

2. Define 'PATH OF INSERTION' and 'PATH OF REMOVAL' in a removable cast partial denture. Discuss the factors affecting the same and the role played by the surveyor.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

- (a) Dentogenic concept
- (b) Posterior palatal seal
- (c) Selective grinding
- (d) Impressions in distal extension partial dentures
- (e) Gingival retraction
- (f) Occlusal rest
- (g) Sanitary (Hygienic) pontic
- (h) Selection of retainers in fixed partial denture.

SEPTEMBER - 2002

[KH 650]

Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper VI — PROTHODONTICS AND CROWN AND BRIDGE

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 the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What is jaw-relation? Classify jaw-relation. Enumerate the various methods of recording different jaw-relations. Discuss in detail any one method of recording vertical jaw-relation. (2 + 2 + (4 + 4) + 3 = 15)
2. Name the various types of bridges. Diagrammatically name the parts of a Bridge. Classify the retainers. Discuss in detail about Radicular retainers. (3 + 3 + 3 + 6 = 15)

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Maxillary tuberosity
 - (b) Posterior palatal seal area
 - (c) Immediate denture
 - (d) Direct retainers

- (e) Altered cast technic
 - (f) Occlusal rest
 - (g) Mary land bridge
 - (h) Richmond crown.
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APRIL - 2003

[KI 650]

Sub. Code : 4121

SECTION B — (8 × 5 = 40 marks)

FINAL B.D.S. DEGREE EXAMINATION.

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BRIDGE

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

Answer Sections A and B in the **SAME** Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

Answer ALL questions.

1. Mention the indications and contra indication for a metal ceramic crown. Describe the step by step procedure in the preparation of molar tooth for a metal ceramic crown. (15)
2. Describe the importance of mouth preparation in the designing of partial dentures. (15)

Answer ALL questions.

3. Write short notes on :
 - (a) Mechanism of complete Denture support
 - (b) Needle's chew in technique
 - (c) Denture stomatitis
 - (d) Impression technique for a flabby ridge
 - (e) Selection of teeth for geriatric patients
 - (f) Axio-Proximal grooves
 - (g) Retention form for a post retained crown
 - (h) Clasp assemblies.

APRIL - 2004

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Sub. Code : 4121

SECTION B

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE

Time : Three hours Maximum : 100 marks

Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes

Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What is provisional restoration? What are the requirements of a provisional restoration? Write an account of the various types of provisional restorations. (15)

2. Define "retention" in complete dentures. Enumerate and discuss the various factors responsible for the retention of complete dentures. (15)

3. Write short notes on : (10 × 5 = 50)

(a) Acid etch bridges

(b) Face bow

(c) Surveyor, draw the diagram and label the parts

(d) Implant biomaterials

(e) Dentogenic concept

(f) Akers clasps with diagrams

(g) Proximal grooves in partial veneer crown

(h) Briefly, write on the principles of tooth preparation

(i) Buccal shelf area

(j) Overdentures.

AUGUST - 2004

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Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

**Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE**

Time : Three hours

Maximum : 100 marks

**Sec. A & B : Two hours and
forty minutes**

Sec. A & B : 80 marks

Section C : Twenty minutes

Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Discuss the tooth preparation for a metal ceramic restoration in a maxillary central incisors.**
- 2. Define a major connector in removable partial denture. Discuss with diagrams the various types of maxillary major connector.**

SECTION B — (10 × 5 = 50 marks)

- 3. Write short notes on :**
 - (a) Over dentures. (complete denture)**
 - (b) Abutment evaluation in fixed partial denture.**
 - (c) RPI concept in removable partial dentures.**
 - (d) Articulators and its uses.**
 - (e) Gingival retraction.**
 - (f) Treatment of abused Tissues**
 - (g) Immediate denture.**
 - (h) Requirements of a clasp design.**
 - (i) Dental surveyor.**
 - (j) Obturator.**

FEBRUARY - 2005

[KM 650]

Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

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Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE

Time : Three hours Maximum : 100 marks

Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes

Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Jaw relations. Enumerate the various Jaw relations. Mention the significance of physiologic rest position. Discuss the effects of increased and decreased vertical jaw relation.

2. List the principles of tooth preparation. Describe each with examples and illustrations.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on :

- (a) Altered cast technique
- (b) Resilient liners

- (c) Resin bonded fixed partial denture
 - (d) Over denture
 - (e) Tripoding
 - (f) Stress breakers in removable partial denture
 - (g) Minor connector
 - (h) Gingival retraction
 - (i) Face bow
 - (j) Akers clasps.
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AUGUST - 2005

[KN 650]

Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

**Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE**

Time : Three hours Maximum : 100 marks

**Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes**

Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Discuss mouth preparation of complete denture.**
- 2. What are the objectives of an impression and explain your technique of recording impression of a fixed partial denture.**

SECTION B — (10 × 5 = 50 marks)

- 3. Write short notes on :**
 - (a) Post core crown**
 - (b) Effect of increased vertical dimension**
 - (c) Provisional restorations**

- (d) Obturators**
 - (e) Tissue management in FPD**
 - (f) Retention and stability**
 - (g) Dowel Pin**
 - (h) Casting failures**
 - (i) Mary Land Bridge**
 - (j) Phosphate bonded investments.**
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FEBRUARY - 2006

[KO 650]

Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and
forty minutes

Sec. A & B : 80 marks

Section C : Twenty minutes

Section C : 20 marks

Answer Sections A and B in the SAME answer book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

1. Mention the importance of posterior palatal seal in complete Denture. Describe in detail the anatomic location and the methods of recording the same.
2. Define a clasp. Describe the parts of clasps. Illustrate with diagram about the various configurations of clasps and their relevance to survey lines.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on :
 - (a) Kelly's combination syndrome.
 - (b) Connectors in fixed partial denture.
 - (c) Ridge lap pontics.
 - (d) Contra indications of fixed partial denture.
 - (e) Compensating curves.
 - (f) Significance of centric relation.
 - (g) Fulcrum axis and its importance in R.P.D. design.
 - (h) Importance of Mouth preparation in Partial denture treatment.
 - (i) Silverman speaking space.
 - (j) Undercut gauges and their application in surveying.

AUGUST - 2006

[KP 650]

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FINAL B.D.S. DEGREE EXAMINATION.

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**Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE**

Time : Three hours

Maximum : 100 marks

**Descriptive : Two hours and
forty minutes**

Descriptive : 80 marks

Objective : Twenty minutes

Objective : 20 marks

Answer ALL questions.

Write Essays on :

- 1. Discuss the requirements of major connectors. Explain the indications, contraindications, advantages, disadvantages and design features of Mandibular major connectors. (20)**
- 2. Define Articulator. Discuss advantages, disadvantages and classification of articulators. (15)**
- 3. Write the components of cost partial denture and write in detail direct retainers. (15)**

4. Write short notes on :

(6 × 5 = 30)

- (a) Pontics**
 - (b) Balanced occlusion**
 - (c) Selective Grinding**
 - (d) Adhesive Bridges**
 - (e) Dentogenic concept**
 - (f) Gingival retractions.**
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