

[35 526] APRIL - 1993

FINAL B.D.S. DEGREE EXAMINATION

(Old Regulations)

Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE

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. Mention the jaw relations to be transferred from patient to the articulator. Describe the methods to record vertical dimension of occlusion. (20)
2. Briefly describe the following :
 - (a) Obturators.
 - (b) Gothic Arch tracing.
 - (c) Retention and stability.
 - (d) Immediate complete denture.
 - (e) Impression procedures in complete denture.
 - (f) Denture Sore Mouth. (6 × 5 = 30)

SECTION B

3. Describe the method of classifying fixed bridges. Explain various designs of pontics and their indications in bridges. (20)
4. Write short notes on :
 - (a) Ante's law and its significance.
 - (b) Connectors in removable partial dentures.
 - (c) Preparation of Jacket Crown on central incisor.
 - (d) Endosseous implant system.
 - (e) Soldering techniques.
 - (f) Compensating theories in casting shrinkage. (6 × 5 = 30)

Final B.D.S. Degree Examination

(Old Regulations)

**Paper VI - PROSTHODONTICS AND CROWN
AND BRIDGE**

Time : Three hours

Maximum : 100 marks

Answer All questions

Answer Section A and B in separate answer Books.

Draw diagrams wherever necessary

SECTION - A

1. Define balanced occlusion ? Explain in detail, the importance of five cardinal factors while fabricating complete denture for an edentulous patient. (20)
2. Write short notes on : (6×5=30)
 - a) Denture sore mouth
 - b) Mental attitude of patients
 - c) Functional method of registering centric relations
 - d) Selection of posterior artificial teeth.
 - e) Maxillary Torus
 - f) Ill effects of increased vertical dimension.

3. Discuss various marginal preparations on abutments in crown and Bridge restorations ? Give the indications, significance, merits and demerits of each ? (20)

4. Write short notes on :

- a) Direct Retainers in removable partial denture
- b) Three point articulators
- c) Dental surveying
- d) Metal ceramics
- e) Ante's law
- f) Investment materials (6×5=30)

[SB 562]

APRIL - 1995

SECTION - B

(5×5=30)

Fourth B. D. S. Degree Examination

(New Regulations)

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

**Time: Three Hours
Two and a half hours
for Section A and B**

**Maximum Marks: 90
Section A and B 60**

Answer section A and B in separate answer books

Answer section C in the answer sheet provided

SECTION—A

(2×15=30)

1. What instructions should be given to complete denture, partial denture, crown and bridge, maxillo-facial and implant denture patient's with regards to care and maintenance of these restorations. Give detailed account.
2. Describe the components of jaw relations with reference to complete dentures, partial dentures and crown and bridge prosthodontics.

2. Write short notes on :

- a) Important anatomical landmarks in complete denture construction
- b) Incorporation of SPA factor in selection and positioning of artificial teeth
- c) Survey lines and retainers in cast partial denture prosthodontics
- d) Principles of teeth cutting for Jacket crowns and cast crowns
- e) Retention in maxillo-facial prosthodontics
- f) Status of dental implants in India

[MB 632] NOVEMBER - 1995

Final B. D. S. Degree Examination

(Old Regulations)

**Paper VI - PROSTHODONTICS AND CROWN
AND BRIDGE**

Time : Three hours

Max : 100 marks

Answer All questions

Answer Section A and B in separate answer books

Draw diagrams wherever necessary

SECTION - A

1. A patient, forty years of age suffering from diabetes comes to you for complete denture. Give your outline of the treatment with special reference to impression procedures. (20)
2. Write short answers to the following: (6 5=30)
 - a) Significance of peripheral seal
 - b) Indication for sub periosteal implants.
 - c) Psychological evaluation of edentulous patients.
 - d) Instructions following insertion of immediate dentures
 - e) X-ray assessment of bridge abutment.
 - f) Kennedy-applegate classification of partially edentulous conditions.

SECTION - B

3. Give the principles of design and construction of removable partial dentures. (20)
4. Write short notes on : (6X5= 30)
 - a) Compensating curve
 - b) Dowel crowns
 - c) Mouth temperature fluid wax
 - d) Bennet movement
 - e) Closest speaking space
 - f) Cantilever bridge

April-1996

[XK 699]

Fourth B.D.S. Degree Examination

(New Regulations)

**Paper VI - PROSTHODONTICS AND CROWN
AND BRIDGE**

Time : Three hours

Maximum : 90 marks

Two and a half an hour

Sec. A and B : 60 marks

Sec. A and B

Answer sections A and B in separate answer books.

Answer Section C in the answer sheet provided

SECTION—A

(2X15 = 30)

**Describe the various methods of recording centric
relation in a complete denture patient.**

**Define Pontic and give its classification. Discuss
the requirements of Pontics.**

SECTION—B

(6X5 = 30)

3. Write short notes on :

- a) Functions of Posterior palatal seal
- b) Management of middle line fractures in upper complete denture
- c) Leon Williams contribution to selection of anterior teeth
- d) Advantages of balanced occlusion
- e) Radical retainers
- f) R P.I. Clasp

OCTOBER - 1996

[PK 636]

FINAL B.D.S. DEGREE EXAMINATION.

(Old Regulations)

Paper VI — PROSTHODONTICS AND CROWN AND BRIDGE

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Define denture aesthetics. Give in detail the aesthetic requirements of complete denture. (20)
2. Write short answers to the following : (6 × 5 = 30)
 - (a) Closest speaking space.
 - (b) Interfacial surface tension.
 - (c) Abutment failure.
 - (d) Occlusal rest.
 - (e) Pontics.
 - (f) Uses of surveyor.

SECTION B

3. Describe in brief the impression methods of registering support in distal extension base prostheses. (20)
 4. Write short notes on : (6 × 5 = 30)
 - (a) Finishing lines of prepared teeth.
 - (b) Neutral zone.
 - (c) Indirect retainers.
 - (d) Denture sore mouth.
 - (e) Partial veneer crowns.
 - (f) Tissue conditioners.
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[PK 643] OCTOBER - 1996 Subject Code : 4121

FINAL B.D.S. DEGREE EXAMINATION

(New Regulations)

PROSTHODONTICS AND CROWN AND BRIDGE

Time : Three hours Maximum : 90 marks

**Two and a half hours Sec. A & Sec. B : 80 marks
for Sec. A and Sec. B**

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided

SECTION A — (2 x 15 = 30 marks)

- 1. Explain how impression surface and periphery of the maxillary complete denture contribute to the retention of denture.**
- 2. What are the requirements of ideal abutment for fixed partial denture?**

SECTION B — (6 x 5 = 30 marks)

- 3. (a) Face bow.
(b) Chrome cobalt complete denture base.
(c) Mouth temperature fluid wax.
(d) Denture sore mouth.
(e) Gingival retraction.
(f) Articulators.**
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OCTOBER - 1997

(MS 636)

FINAL B.D.S. DEGREE EXAMINATION

(Old Regulations)

PAPER-VI PROSTHODONTICS AND CROWN AND BRIDGE

Time: Three hours

Max:100 marks

**Answer Sections A and B in
separate answer books**

SECTION-A

1. Define centric relation. Classify the methods of registering centric relation in completely edentulous mouth and describe any one method in detail. (20)
2. Write short notes on: (6x5=30)
 - a) Closest speaking space.
 - b) Repeat midline fracture of upper complete denture.
 - c) Pontics.
 - d) Indirect retention.
 - e) Axio-proximal grooves.
 - f) Rests and Rest seats.

SECTION-B

3. Describe in detail the procedure of preparing vital teeth to receive a metal ceramic retainer. (20)
4. Write short notes on: (6x5=30)
 - a) Double impression technique.
 - b) Posterior palatal seal.
 - c) Procedure of surveying casts.
 - d) Abutment failure.
 - e) Chemical methods of gingival retraction.
 - f) House classification of mental attitudes.

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[MS 643] OCTOBER - 1997

Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(New Regulations)

Paper VI — PROSTHODONTICS AND CROWN AND
BRIDGE

Time : Three hours
Two and a half hours
for Sec. A and B

Maximum : 90 marks
Sec. 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. Classify Bridge Pontics. Give the biomechanical requirements in the design and fabrication of pontic.
2. Discuss in detail about partial veneer crowns. Mention their advantages and disadvantages over other types of retainers.

SECTION B — (6 × 5 = 30 marks)

3. Write short notes on :
 - (a) Ideal abutment.
 - (b) Occlusal rest.
 - (c) Axio-proximal grooves.
 - (d) Hygiene of complete denture.
 - (e) Embrasure clasps.
 - (f) Removable dies for FPD.

[MS 650] OCTOBER - 1997 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(New/Revised Regulations)

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

Time : Three hours Maximum : 100 marks

**Two and a half hours Section A & B : 70 marks
for Section 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. Define centric relation. Classify the methods of registering centric relation in completely edentulous mouth and describe any one method in detail.**
- 2. Enumerate various post insertion problems in complete denture wearers. Write in detail about causes and management of them. Add a note on laboratory remounting.**

SECTION B — (8 × 5 = 40 marks)

- 3. Write short notes on :**
 - (a) Posterior palatal seal.**
 - (b) Finishing and polishing of resin prostheses.**
 - (c) Face-bows.**
 - (d) Physiologic rest position.**
 - (e) Embrassure clasps.**
 - (f) Occlusal rest.**
 - (g) Ideal abutment.**
 - (h) Splints.**

[SV 643] APRIL - 1998 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION

(New Regulations)

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

Time : Three hours	Maximum : 90 marks
Two and a half hours for Sec. A and Sec. B	Sec. A & Sec. B : 60 marks 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 in detail about factors responsible for retention and stability of complete dentures.
2. Define "surveyor". What are the principles of surveying? Draw the diagram of surveyor and list out its uses.

SECTION B — (6 × 5 = 30 marks)

3. Write short notes on :
 - (a) Selective pressure impression.
 - (b) Proximal groove.
 - (c) Non anatomic teeth.
 - (d) Immediate denture.
 - (e) Partial veneer crown.
 - (f) Causes for Bridge failure.
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[SV 650] APRIL - 1998 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Old/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 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)

Define Denture aesthetics. Give in detail aesthetic requirements of complete denture.

2. Discuss various luting agents used in crown and bridge cementing. Describe the procedure and care to be taken to cement all porcelain jacket crown.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

- (a) Try IN.
 - (b) Reciprocal arm.
 - (c) Uses of surveyors.
 - (d) Compensatory curves.
 - (e) Functional Relining technique.
 - (f) Radicular Retainers.
 - (g) Retro molar pad.
 - (h) Pontics.
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[SM 643] OCTOBER - 1998 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION

(New Regulations)

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

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. Define "Balanced Occlusion". Describe the factors controlling the balanced occlusion. Enumerate advantages of the same and explain. Add a note on rationale of balanced occlusion.
2. Discuss in detail the principles of preparation of tooth to receive artificial crown.

SECTION B — (6 × 5 = 30 marks)

3. Write short notes on :
 - (a) Primary stress bearing area in maxilla and mandible.
 - (b) Significance of centric relation.
 - (c) Linguoplate.
 - (d) Bar clasp.
 - (e) Altered cast technique.
 - (f) Advantages and disadvantages of immediate denture
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[SM 650] OCTOBER - 1998 Sub. Code : 4121

FINAL B.D.S. DEGREE EXAMINATION.

(Old/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 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. Discuss in brief various parts (components) of a removable cast partial denture.
2. Define major connector. What are the design requirements of major connector? Discuss in detail the maxillary major connectors.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

- (a) Significance of centric relation
 - (b) Marginal finishing lines
 - (c) Advantages of porcelain fused to metal crowns
 - (d) Double mix double impression technic in crown and bridge
 - (e) Cement used in crown and bridge
 - (f) Hygienic pontic
 - (g) Semirigid connectors
 - (h) Over dentures.
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APRIL - 1999

[SG 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

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)

Answer any TWO questions.

- 1. Discuss in detail the selection of anterior teeth for a complete denture. Add a note on dentogenic concept.**
- 2. Define 'Partial veneer crown'. Write in detail step-by-step preparation of maxillary canine to receive a 3/4 crown.**

SECTION B — (8 × 5 = 40 marks)

- 3. Write short notes on :**

- (a) Non anatomic teeth.**
- (b) Denture stomatitis.**
- (c) Arbitrary face bow.**

- (d) Linguo plate.**
 - (e) Gingivally approaching clasps.**
 - (f) Die materials.**
 - (g) Temporary crowns.**
 - (h) Surgical obturator.**
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[KB 650] APRIL - 2000 Sub. Code : 4121

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 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. Define 'retention' in complete dentures. Discuss the various factors responsible for the same.
2. Discuss biomechanical principles in tooth preparation for a fixed partial denture.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Selection of posterior teeth
 - (b) Arbitrary face bow

- (c) Implant biomaterials
- (d) Occlusal rest and rest seat preparation
- (e) Stress breakers in removable partial dentures
- (f) Surveying tools
- (g) Different methods of gingival retraction
- (h) Luting agents used in fixed partial dentures.

[KC 650] OCTOBER - 2000 Sub. Code : 4121

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 separate Answer Books.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define the term 'Impression in Complete Denture Prosthodontics'. Classify Impression techniques and explain the objectives of Impression making.
2. Discuss in detail how a surveyor is utilized in selecting the path of insertion and removal of a removable cast partial denture. Add a note on tripoding.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Methods of recording posterior palatal seal.
 - (b) Articulators
 - (c) Role of indirect retainers and the types used.
 - (d) RPI system.
 - (e) Selection of retainers for a fixed partial denture.
 - (f) Die materials.
 - (g) Gingival finish lines.
 - (h) Surgical obturator.