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) Tensile tension 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.
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.
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 the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 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) + 6 = 16)

2. Name the various types of bridges. Diagramatically name the parts of a Bridge. Classify the retainers. Discuss in detail about Radicular retainers. (3 + 5 + 3 + 6 = 15)

SECTION B — (8 x 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 technique
   (f) Occlusal rest
   (g) Maryland bridge
   (h) Richmond crown.
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)

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)

SECTION B — (8 × 5 = 40 marks)

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.
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 — \(2 \times 15 = 30\) marks

1. Describe in detail about tooth selection for treating a fully edentulous patient. (15)

2. Describe the component parts of fixed partial denture. (15)

SECTION B — \(10 \times 5 = 50\) marks

3. Write short notes on:
   (a) Alveolinguual sulcus
   (b) Retruding the mandible to centric relation
   (c) Muscles of mastication and facial expression

(d) Refractory cast for removable partial denture
(e) Indications, advantages and disadvantages of swing-lock removable partial denture
(f) Radiographic evaluation of prospective abutment teeth for fixed partial denture
(g) Metal-ceramic crown
(h) Gingival retraction
(i) Factors for retention and stability of complete denture.
(j) Mclean's physiologic impression.
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 x 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)

SECTION B

3. Write short notes on:
   (10 x 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.

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KK 650

April 2004

[KK 650] Sub. Code: 4121
SELECTION B — (10 x 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.

SECTION A — (2 x 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.
FEBRUARY - 2005


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 x 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 x 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.
FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)
Paper VI — PROSTHODONTICS AND CROWN AND BRIDGE

Time: Three hours
Sec. A & B: Two hours and forty minutes
Sec. A & B: 80 marks
Section C: Twenty minutes
Section C: 20 marks
Maximum: 100 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 x 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 x 5 = 50 marks)

3. Write short notes on:
   (a) Post cove 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.
SECTION B — (10 x 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.
4. Write short notes on:
(a) Pontics
(b) Balanced occlusion
(c) Selective Grinding
(d) Adhesive Bridges
(e) Dentogenic concept
(f) Gingival retractions

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)