

[LB 675]

AUGUST 2012

Sub. Code: 4183

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – V PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P.Code: 544183

Time : 180 Minutes

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Name the various types of bridges Diagrammatically name the parts of a bridge classify the retainers. Discuss in detail about Radicular retainers. | 19 | 30 | 20 |
| 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. | 19 | 30 | 20 |

II. Write Notes on:

- | | | | |
|---|---|----|---|
| 1. Neutral zone. | 3 | 10 | 5 |
| 2. Dentogenic concept. | 3 | 10 | 5 |
| 3. Significance of rest position of the mandible. | 3 | 10 | 5 |
| 4. Selective pressure impression. | 3 | 10 | 5 |
| 5. Selective Grinding. | 3 | 10 | 5 |
| 6. Gingival Retraction. | 3 | 10 | 5 |
| 7. Relining & Rebasing. | 3 | 10 | 5 |
| 8. Altered cast technique. | 3 | 10 | 5 |
| 9. Richmond crown. | 3 | 10 | 5 |
| 10. Implant denture. | 3 | 10 | 5 |
| 11. Needle's chew in technique. | 3 | 10 | 5 |
| 12. Denture Stomatitis. | 3 | 10 | 5 |

[LC 675]

FEBRUARY 2013
FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – V PROSTHODONTICS AND
CROWN AND BRIDGE
Q.P.Code: 544183

Sub. Code: 4183

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. What are jaw relation? Discuss the biological significance of following during complete denture preparation:
2. Discuss in detail the fixed partial denture failures.

II. Write Notes on:

(10x5=50)

1. Neutral zone.
2. Hanau's quint.
3. Tissue conditioners.
4. Retromolar pad.
5. Lingualized occlusion.
6. Bar clasp.
7. Osseointegration.
8. Selective pressure impression technique.
9. Combination syndrome.
10. Arcon articulators.

[LD 675]

AUGUST 2013

Sub. Code: 4183

FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – V PROSTHODONTICS AND CROWN AND BRIDGE
Q.P.Code: 544183

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. Define centric relation. Discuss the different types of centric relation procedure.
2. Discuss the method of preparation to receive a jacket crown in central incisor (PORCELAIN).

II. Write Notes on:

(10x5=50)

1. survey line and its uses
2. Zirconia porcelain
3. Anatomic teeth
4. Kennedy class two design-Maxillary
5. Gingival Fluid control
6. Impression Techniques in removable partial dentures
7. Root form implants
8. Immediate dentures
9. Selective pressure impression technique
10. Arcon articulators

[LE 675]

FEBRUARY 2014

Sub. Code:4183

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER V - PROSTHODONTICS AND
CROWN AND BRIDGE
*Q.P Code: 544183***

Time: 180 Minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Define facebow. Discuss the types of facebow and how do you transfer a facebow.
2. Define pontic. Discuss the Different types of pontic.

II. Write Notes on:

(10X5=50)

1. Surveyors
2. Neutral zone
3. Gingivally approaching clasp
4. Combination syndrome
5. Non Arcon articulators
6. Kennedy class 1 design – Maxillary arch
7. Burs used for tooth preparation for fixed prosthesis
8. Fluid control
9. Tissue conditioners
10. Impression Techniques in removable partial dentures

[LF 675]

AUGUST 2014

Sub. Code: 4183

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER V - PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544183

Time: 180 Minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Define vertical jaw relation. Discuss the different types of vertical jaw relation.
2. Define surveyors Discuss the different types of surveyors and uses of it.

II. Write Notes on:

(10X5=50)

1. Pontic design
2. Aluminous porcelain
3. Addition silicone
4. Non Anatomic teeth
5. Factors of balanced occlusion
6. Kennedy class1 design – Mandibular arch
7. Impression Techniques in fixed partial dentures
8. Root form implants
9. Over dentures
10. Isolation Procedure in Fixed partial dentures

[LG 675]

FEBRUARY 2015

Sub. Code: 4183

FOURTH YEAR B.D.S. DEGREE EXAM

**PAPER V - PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544183

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Describe in detail the various components of fixed partial dentures and its clinical application.
2. Discuss in detail the teeth selection for complete edentulous patients.

II. Write Notes on:

(10 x 5 = 50)

1. Phonetics.
2. RpI system.
3. Compensatory curves.
4. Custom made impression trays.
5. Questionable abutments.
6. Flabby alveolar ridge.
7. Free way space.
8. Implant biomaterials.
9. Face bow.
10. Surveyor.

[LH 675]

AUGUST 2015

Sub. Code: 4183

**FOURTH YEAR B.D.S. DEGREE EXAMINATION
PAPER V – PROSTHODONTICS AND CROWN AND BRIDGE**

Q.P. Code: 544183

Time : Three Hours

Maximum : 70 marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Discuss in detail about principles of tooth preparation in fixed partial denture.
2. Write in detail on mouth preparation in complete dentures.

II. Write notes on :

(10 x 5 = 50)

1. Immediate Denture.
2. Gingival Finish Line.
3. Bar clasp.
4. Posterior palatal seal.
5. Obturator.
6. Balanced occlusion.
7. Denture stomatitis.
8. Combination syndrome.
9. Impression techniques in removable partial denture.
10. Sanitary pontic.

[LI 675]

FEBRUARY 2016

Sub. Code: 4183

FOURTH YEAR B.D.S. DEGREE EXAMINATION
PAPER V – PROSTHODONTICS AND CROWN AND BRIDGE

Q.P. Code : 544183

Time : Three Hours

Maximum : 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Define Retention, Stability and Support. Write in detail about the various factors influencing it in complete denture.
2. Discuss the components of removable partial denture. Write in detail about Major connectors.

II. Write Notes on:

(10 x 5 = 50)

1. Implant Biomaterials.
2. Preprosthetic surgery.
3. Articulators.
4. Minor connector.
5. Tripoding.
6. Distal extension denture base.
7. Pier abutment.
8. Richmond crown.
9. Partial veneer crown.
10. Neutral zone.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper VII - Modified Regulation III Candidates and
Final Year Paper V - New Modified Regulation Candidates)

**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define centric relation and mention various methods to register centric relation in complete denture. Discuss one method in detail.
2. Define pontic in Fixed Partial Denture. Discuss the selection of pontics in clinical practice.

II. Write Notes on: **(10 x 5 = 50)**

1. Direct sequale in wearing CD.
2. Indirect retainers in removable partial dentures.
3. Design of a Class I maxillary partial denture with help of a diagram.
4. Fluid control in Fixed Partial Denture.
5. Hanau's law of Balanced Occlusion.
6. Rebasing in Complete Denture.
7. Osseointegration in Implants.
8. Phonetics in Complete Denture.
9. Alloys used in Cast Partial Denture.
10. Maxillofacial materials.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper VII - Modified Regulation III Candidates and
Final Year Paper V - New Modified Regulation Candidates)

**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define Balanced Occlusion. Write in detail the laws to achieve Balanced Occlusion.
2. Define Surveyor and discuss the parts of surveyor in detail with the help of a diagram.

II. Write Notes on: **(10 x 5 = 50)**

1. Classification of Face bow and mention the parts of a face bow with the help of a diagram.
2. Types of Obturators.
3. Remounting procedures in Complete Dentures.
4. Posterior palatal seal in Complete Denture.
5. Component parts in Removable Partial Denture.
6. Finish lines used in Fixed Partial Denture.
7. Adhesive bridges.
8. Parts of two stage implant system with the help a diagram.
9. Post insertion complaints in Complete Denture.
10. Classification system in Removable Partial Denture.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper VII - Modified Regulation III Candidates and
Final Year Paper V - New Modified Regulation Candidates)

**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define complete denture impression. Write in detail the principles of impression making. Justify the method you select in complete denture impression.
2. Discuss various components of removable partial denture. Write in detail the direct retainer.

II. Write Notes on: **(10 x 5 = 50)**

1. Semi adjustable articulators.
2. Principles of retention in complete dentures.
3. Parts of a face bow.
4. Methods to register vertical dimensions in complete denture.
5. Parts of a surveyor.
6. Finish line in Fixed Partial Denture.
7. Classify direct retainers.
8. Relining methods in Complete Denture.
9. Two stage implants used in prosthodontics.
10. Abutment evaluation in F.P.D.

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper VII - Modified Regulation III Candidates and
Final Year Paper V - New Modified Regulation Candidates)

**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define face bow. Discuss the types of face bow and how do you transfer a face bow?
2. Define a major connector. Discuss in detail about various types of maxillary major connector with diagram.

II. Write Notes on: **(10 x 5 = 50)**

1. Selective pressure impression.
2. Significance of rest position of mandible.
3. Abutment's in FPD.
4. Objectives of surveying.
5. Stability in complete denture.
6. Metal ceramic crowns.
7. Primary stress bearing areas in mandible for complete denture.
8. Methods of establishing support in distal extension partial denture.
9. Gingival retraction techniques.
10. Implant fixture designs.

FOURTH YEAR B.D.S. DEGREE EXAM
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**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define centric relation. Enumerate and explain the methods of recording Horizontal jaw relation.
2. Impression procedures in Fixed Partial Dentures. Discuss failures in Fixed Partial Dentures.

II. Write Notes on: **(10 x 5 = 50)**

1. Theories of occlusion.
2. Applegates rules.
3. Bar clasp.
4. Selective grinding in Complete Dentures.
5. Provisional restorations in Fixed Partial Denture.
6. Factors affecting Path of insertion in Removable Partial Denture.
7. Swing lock dentures.
8. Principles of teeth arrangement.
9. Surveying tools.
10. Implants in prosthetic dentistry.

FOURTH YEAR B.D.S. DEGREE EXAM
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**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: (2 x 10 = 20)

1. Discuss the importance and methods of recording posterior palatal seal area.
2. Essay on surveyor.

II. Write Notes on: (10 x 5 = 50)

1. Spacer designs in Custom trays in Complete Denture.
2. Altered cast technique.
3. Uses of Retraction cords in Fixed Partial Denture.
4. Clinical protocol to select a patient for implant placement.
5. Compensatory curves.
6. Luting cements.
7. Management of flabby ridges.
8. Kennedy's classification.
9. Minor connectors.
10. Overdentures.

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**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Discuss the different anatomical landmarks in the Maxilla.
2. Classify direct retainers. Describe in detail about different types of occlusally approaching clasps and their indications.

II. Write Notes on: **(10 x 5 = 50)**

1. Die and die systems.
2. Enumerate causes for midline fracture of complete dentures.
3. RPI system.
4. Immediate denture.
5. Gag reflex.
6. Tripoding.
7. Anterior Teeth selection.
8. Survey lines.
9. Maryland Bridges.
10. Tissue conditioners.

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Final Year Paper V - New Modified Regulation Candidates)

**PAPER V – PROSTHODONTICS AND
CROWN AND BRIDGE**

Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define Occlusion. Discuss the different types of occlusal schemes involved in fabrication of complete denture.
2. Discuss in detail the luting agents used for cementation of fixed dental prosthesis.

II. Write Notes on: **(10 x 5 = 50)**

1. Embrasure clasp
2. Types of Pontics.
3. Gingival Retraction.
4. Bennett's Movement.
5. CAD CAM Ceramics.
6. Indirect Retainers in RPD.
7. Distal extension denture base.
8. Implant abutments.
9. Vertical Jaw Relation.
10. Connectors in RPD.
