

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.

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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.

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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.

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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.

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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.

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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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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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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.

[LR 675]

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 4220

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Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Define Extracoronal Direct Retainer. Write in detail the principles of Clasp Design. Discuss the parts and types of different Clasp Designs.
2. Discuss in detail the “Impression making in Fixed Partial Denture”.

II. Write Notes on:

(10 x 5 = 50)

1. Immediate Dentures.
2. Shade selection.
3. Obturators.
4. Vertical jaw relation.
5. Zirconia Porcelain.
6. Path of Insertion and path of removal in RPD.
7. Lingualized Occlusion.
8. Types of Dental Implants.
9. Gag reflex.
10. Custom made Impression trays.

[BDS 0921]

SEPTEMBER 2021
(FEBRUARY 2021 SESSION)

Sub. Code: 4220

FOURTH YEAR B.D.S. DEGREE EXAM

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**PAPER V – PROSTHODONTICS AND
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Time: 180 Minutes

Maximum: 70 Marks

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

1. Define balanced Occlusion. Write in detail the laws to achieve balance occlusion.
2. Define pontic in fixed partial denture. Discuss the selection of pontics in clinical practice.

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

1. Swing locks dentures.
2. Combination syndrome.
3. Maxillofacial materials.
4. Impression techniques in FPD.
5. Denture adhesives.
6. Maryland Bridge.
7. Osseointegration in implants.
8. Alloys used in cast partial denture.
9. Facebow and its parts.
10. Obturators in MFP.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1221]

**DECEMBER 2021
(AUGUST 2021 SESSION)**

Sub. Code: 4220

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**PAPER V – PROSTHODONTICS AND
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Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

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

1. Define Jaw Relation. Write in detail about various methods of recording Vertical Jaw Relation.
2. Discuss the method of preparation to receive all Ceramic Jacket Crowns in Central Incisors.

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

1. Altered Cast Technique.
2. Implant Biomaterials.
3. Types of Obturators.
4. Provisional Restoration in FPD.
5. FPD Failures.
6. Posterior Palatal Seal Area.
7. Phonetics in Complete Denture.
8. Swing Lock Denture.
9. Combination Syndrome.
10. Over Denture.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0522]

**MAY 2022
(FEBRUARY 2022 SESSION)**

Sub. Code: 4220

**B.D.S. DEGREE EXAM
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FINAL YEAR

**PAPER V – PROSTHODONTICS AND
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Q.P Code: 544220

Time: 180 Minutes

Maximum: 70 Marks

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

1. Define Major Connector in RPD. Discuss with diagrams the various types of Maxillary Major Connectors.
2. Define Facebow. Discuss the types of Facebow and how do you do a Facebow Transfer.

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

1. Theories of Impression Making.
2. Denture Adhesives.
3. Abutment Selection.
4. FPD Failures.
5. Surveyor and its Parts.
6. Retainers in FPD.
7. Posterior Teeth Selection.
8. Implants used in Dentistry.
9. Surgical Obturators.
10. Die Systems.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 1022]

**OCTOBER 2022
(AUGUST 2022 SESSION)**

Sub. Code: 4220

B.D.S. DEGREE EXAMINATION

**(Common to Final Year Paper VII Modified Regulations III Candidates
and Final Year Paper V New Modified Regulation Candidates)**

FINAL YEAR

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 facebow. Discuss the types of facebow. How do you obtain orientation jaw relation record from patient?
2. Define surveyor. Discuss different types of surveyor and uses of it.

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

1. Obturators.
2. Combination syndrome.
3. Gingival approaching clasps.
4. Tissue conditioners.
5. Pontic designs.
6. Non anatomic teeth.
7. Kennedy's class I design – mandibular arch.
8. Overdentures.
9. Selective pressure impression technique.
10. Lingualized occlusion.
