

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2503

**M.D.S DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCULUSION, TMJ AND
ESTHEITICS**

Q.P. Code: 242503

Time: 3 Hours

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Discuss in detail the treatment planning for full mouth rehabilitation cases.
2. Critically evaluate the various Luting agents used in crown and bridge Prosthodontics and add a note on Luting agents used for all ceramic restorations.

II. Short Essays: (5 x 10 = 50)

1. Shade selection.
2. Significance of diagnostic cast in fixed Prosthodontics.
3. Significance of mock wax-up in fixed Prosthodontics.
4. Pontic designs.
5. Different die systems in FPD.

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

[MDS 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 2503

**M.D.S DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCULUSION, TMJ AND
ESTHEITCS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Write about the impression materials and different techniques of handling them with relation to FPD impression.
2. Discuss the rationale of abutment assessment and selection for fixed bridge Prosthesis.

II. Short Essays:

(5 x 10 = 50)

1. Additional retention in FPD.
2. Electro surgery for finish line exposure.
3. Electroplated die and die materials.
4. Dental esthetics and Golden Proportion.
5. Surface characterization of Ceramic restoration.

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

[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2503

**M.D.S DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

**FINAL YEAR
PART – II
BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE
PAPER II – FIXED PROSTHODONTICS, OCCULUSION, TMJ AND
ESTHEITICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Describe in detail the management of Temporomandibular Joint disease.
2. Discuss in detail the various procedure to place and record finish lines in tooth preparations in fixed partial dentures.

II. Short Essays: (5 x 10 = 50)

1. Ferrule effect in fixed partial dentures.
2. Dies and its importance in fixed Prosthodontics.
3. Shade selection procedure.
4. Resin cements.
5. Questionable Abutments.

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

[MDS 1022]

OCTOBER 2022

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCULSION,
TMJ AND ESTHEITCS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Describe in detail selection of Retainers and Principals of Tooth Preparations in fixed Prosthodontics.
2. Discuss in detail Mandibular Movements and importance of Occlusion in Fixed Partial Dentures.

II. Short Essays:

(5 x 10 = 50)

1. Fluid Control and soft tissue management.
2. Laboratory procedures involved in Casting.
3. Biological failures in Fixed Prosthodontics.
4. Smile design.
5. Pontic Design and tissue site preparation.

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

[MDS 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2503

**M.D.S. DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

**FINAL YEAR
PART – II
BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE
PAPER II – FIXED PROSTHODONTICS, OCCULSION,
TMJ AND ESTHEITCS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Discuss in detail the various Isolation and Gingival retraction technique in Fixed Partial Denture.
2. Discuss in detail about provisional restorations in Fixed Partial Denture.

II. Short Essays:

(5 x 10 = 50)

1. Post and core in fixed Prosthodontics.
2. Importance of Radiograph in Fixed Prosthodontics.
3. Resin bonded bridge.
4. Splints in Prosthodontics.
5. Structural durability and marginal integrity.

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

[MDS 0524]

MAY 2024

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCULUSION,
TMJ AND ESTHETICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify and discuss in detail the Fixed Partial Denture Failures and its Management.
2. Enumerate in detail about the Restoration of Endodontically Treated Teeth.

II. Short Essays:

(5 x 10 = 50)

1. Pier abutment.
2. Laminates.
3. Inter-Occlusal record in Fixed Prosthodontics.
4. Criteria for abutment selection in Fixed Partial Denture.
5. Functionally generated path technique.

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

[MDS 1024]

OCTOBER 2024

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCLUSION,
TMJ AND ESTHETICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Define temporization in fixed prosthodontics. Discuss the factors, materials, types and techniques considered for temporization.
2. Describe temporomandibular joint anatomy with diagrams. Provide detailed explanation on treatment options for temporomandibular joint disorders.

II. Short Essays:

(5 x 10 = 50)

1. Enumerate the difference between laminates and veneers and Lumineers.
2. Concepts and uses of inter-occlusal records in fixed restorations.
3. Briefly explain the abutments, pontics and connectors of fixed prosthesis.
4. Twin stage and twin table techniques in full mouth rehabilitation.
5. Significance of smile design.

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

[MDS 0525]

MAY 2025

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCLUSION,
TMJ AND ESTHETICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. What are the key factors involved in evaluating abutments for a fixed prosthesis and how do they influence the success of the restoration?
2. What are aesthetic restorations? How do aesthetic restorations contribute in function and appearance of dental prosthetics.

II. Short Essays:

(5 x 10 = 50)

1. Discuss post and cores for mutilated teeth.
2. Significance of finish lines.
3. Need and methods for gingival shade selection.
4. Moisture control in fixed prosthodontics.
5. All ceramic restorations.

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

[MDS 1025]

OCTOBER 2025

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCLUSION,
TMJ AND ESTHETICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. How do moisture control and tissue management play a crucial role in fixed prosthodontics and what techniques are used to ensure optimal outcomes?
2. Discuss the importance on various types of pontics used in fixed crowns and bridges. Add a note on pontics fabrication.

II. Short Essays:

(5 x 10 = 50)

1. What are the key proportion rules used in smile designing?
2. Cementation of zirconia restorations.
3. Importance of pindex system.
4. Shade selection methods for crown and bridges.
5. Digital printing in fixed prosthesis.

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

[MDS 1225]

DECEMBER 2025

Sub. Code: 2503

M.D.S. DEGREE EXAMINATION
(Candidates admitted for the Academic Year 2022-2023 only)

FINAL YEAR

PART – II

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER II – FIXED PROSTHODONTICS, OCCLUSION,
TMJ AND ESTHETICS**

Q.P. Code: 242503

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Discuss Moisture control and tissue management in fixed prosthodontics.
2. What are adhesive bridges? Write in detail the types and cementation of adhesive bridges.

II. Short Essays: (5 x 10 = 50)

1. What are the different proportion rules for Smile designing?
2. Finish lines.
3. Die and die systems.
4. Esthetic crowns.
5. Workflow for digital printing of fixed prosthesis.
