

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2518

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

PART – II

**BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
TENTATIVE**

PAPER II – ENDODONTICS

Q.P. Code: 242518

Time: 3 Hours

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Classify and discuss in detail recent advances in cleaning and shaping of root canal system.
2. Discuss in detail the relative merits and de-merits of various intra-canal medicaments.

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

1. Bioceramic sealers.
2. Management of root resorption.
3. Computed Tomography in endodontics.
4. Relevance of multi-visit endodontics
5. Perforation and its management.

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

[MDS 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 2518

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

PART – II

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

TENTATIVE

PAPER II – ENDODONTICS

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify and discuss in detail various Traumatic Injuries and it's management.
2. Discuss in detail about Obturation Techniques and materials.

II. Short Essays:

(5 x 10 = 50)

1. Bioactive glass.
2. Re-treatment files.
3. Sterilization of Endodontic Instruments.
4. Photodynamic therapy in Endodontics.
5. Microscopes in Endodontics.

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[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2518

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

**FINAL YEAR
PART – II
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
TENTATIVE
PAPER II – ENDODONTICS**

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Discuss in detail about Geriatric Endodontics.
2. Discuss in detail about diagnosis and management of vertical root fractures.

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

1. Irrigation devices.
2. Endo crowns.
3. Scaffolds in Endodontics.
4. Role of Calcium hydroxide in modern era.
5. Ferrule effect.

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[MDS 1022]

OCTOBER 2022

Sub. Code: 2518

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER II – ENDODONTICS

Q.P. Code: 242518

I. Essay:

(2 x 25 = 50)

1. Classify root resorption and write about its management.
2. Critical analysis of MTA Versus Biodentine.

II. Short Essays:

(5 x 10 = 50)

1. Pre fabricated posts.
2. Platelet concentrates.
3. Guided tissue regeneration in Endodontics.
4. Metallurgy of NiTi files.
5. Broken instrument retrieval.

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[MDS 0723]

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

Sub. Code: 2518

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

**FINAL YEAR
PART – II
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER II – ENDODONTICS**

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Describe in detail about current concepts and controversies of Single Visit Root Canal treatment.
2. Discuss in various Endodontic emergencies and its Management.

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

1. Recent advances in Imaging Technology.
2. Irrigant activation.
3. Dental Traumatology Guidelines for management of Avulsion.
4. Resin sealers.
5. Management of Dens Invaginatus.

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[MDS 1023]

OCTOBER 2023

Sub. Code: 2518

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER II – ENDODONTICS

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify and discuss in detail various restorative modalities for Endodontically treated teeth.
2. Discuss in detail about recent trends in Root Canal irrigants and irrigation devices.

II. Short Essays:

(5 x 10 = 50)

1. Cracked tooth syndrome.
2. Ferrule.
3. Apex locators.
4. Root canal sealers.
5. Endodontic implants.

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

[MDS 1024]

OCTOBER 2024

Sub. Code: 2518

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

**FINAL YEAR
PART – II
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER II – ENDODONTICS**

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Define Biofilm. Discuss in detail the characteristics and ultrastructure of biofilm. Elaborate the categories of endodontic biofilm and mechanisms of anti-microbial resistance of biofilm. Add a note on Quorum.
2. Discuss in detail the pathways of endodontic pain and its management strategies.

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

1. Soft tissue management in Periapical surgery.
2. Pulp vascularity tests.
3. Internal resorption and its management.
4. Kinematics of reciprocation with necessary illustrations.
5. Management of intracanal instruments separation.

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

[MDS 0525]

MAY 2025

Sub. Code: 2518

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

FINAL YEAR
PART – II
BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER II – ENDODONTICS

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Discuss in detail about Microsurgical endodontics.
2. Role of biofilms in endodontics. Discuss in detail about eradication of biofilms.

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

1. Case selection in endodontics. Add a note on grossly decayed teeth.
2. Retreatment in endodontics.
3. Tooth avulsion and its management.
4. Endo-perio lesions and its management.
5. Self-adjusting files – Merits and demerits.

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

[MDS 1225]

DECEMBER 2025

Sub. Code: 2518

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

FINAL YEAR

PART – II

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER II – ENDODONTICS

Q.P. Code: 242518

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Discuss the causes and management of endodontic failures.
2. Discuss in detail about post endodontic restorations and recent advances of the same.

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

1. Relevance of single visit endodontics.
2. Ledge formation causes and management.
3. Bio inductive materials in endodontics.
4. Endodontic disinfectants with natural indigenous agents.
5. Management of incompletely formed root apex.
