

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2524

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

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

(Answer any TWO questions)

I. Essays:

(2 x 50 = 100)

1. Discuss the role of Fixed Functional Appliances in the management of skeletal malocclusion supported by evidence and its recent advances.
2. Discuss on Orthodontic practice management during Covid Pandemic.
3. Clear Aligners.

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

[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2524

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

**FINAL YEAR
PART – II**

**BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION**

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Nano technology in Orthodontics.
2. Aesthetic and invisible Orthodontics.
3. Contemporary biomechanics in clinical orthodontics.

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[MDS 1022]

OCTOBER 2022

Sub. Code: 2524

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Write in detail about the principles of Smile Design and treatment planning.
2. Write in detail about Indirect Bonding Techniques.
3. Write in detail on the recent advances in Surgical Orthodontics.

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[MDS 0723]

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

Sub. Code: 2524

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

**FINAL YEAR
PART – II
BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION**

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Discuss the recent trends in Orthodontic Retention.
2. Aesthetic and Invisible Orthodontics.
3. Newer functional appliances.

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

[MDS 1023]

OCTOBER 2023

Sub. Code: 2524

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Recent advances in the biology of Tooth Movement.
2. Nano Technology in Orthodontics.
3. Clear aligners Vs Fixed Orthodontic appliances.

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[MDS 1024]

OCTOBER 2024

Sub. Code: 2524

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Discuss the evolution of clear aligner therapy over the past two decade. Evaluate its advantages and limitations compared to conventional orthodontic treatment methods.
2. Critically evaluate the evidence based guidelines for orthodontic treatment timing and intervention. Discuss the importance of early orthodontic intervention in addressing the skeletal discrepancies and preventing malocclusion.
3. Assess the importance of interdisciplinary collaboration between orthodontists and other dental specialist in comprehensive patient care.

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

[MDS 0525]

MAY 2025

Sub. Code: 2524

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Discuss the latest 3D imaging and printing techniques used in orthodontic diagnosis and treatment planning.
2. Write about the recent advancements in orthodontic anchorage devices.
3. Explain the biomechanical principles governing orthodontic tooth movement. And evaluate the role of force systems in orthodontics.

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[MDS 1225]

DECEMBER 2025

Sub. Code: 2524

M.D.S. DEGREE EXAMINATION

(Candidates admitted for the Academic Year 2022-2023 only)

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Discuss in detail about accelerated orthodontics and its significance in modern orthodontic practice.
2. Role of Artificial intelligence in orthodontics.
3. Discuss the spectrum of transverse malocclusion and its management.

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

[MDS 0526]

MAY 2026

Sub. Code: 2524

M.D.S. DEGREE EXAMINATION

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

FINAL YEAR

PART – II

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PAPER III – DESCRIPTIVE AND ANALYSING TYPE QUESTION

Q.P. Code: 242524

Time: 3 Hours

Maximum: 100 Marks

Answer any TWO questions

I. Essays:

(2 x 50 = 100)

1. Damon system versus Pitts protocol.
2. Discuss the constituents and components of current concept of a balanced face and add a note on digital smile design in orthodontic treatment planning.
3. Discuss the key principles of orthodontic practice management for early career success.
