

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2527

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

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL
MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Classify Cysts of the Jaws. Describe the etiopathogenesis, clinical, radiological and histopathological features of Nonepithelial Jaw Cysts.
2. Write in detail on Spindle Cell Lesions of the Oral Cavity.

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

1. Immunology of Periapical Lesions.
2. Osteitis deformans.
3. Proliferative verrucous leukoplakia.
4. Adenoid Cystic Carcinoma.
5. Gender determination in Forensic Odontology.

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

[MDS 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 2527

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

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL
MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify Dental Caries. Discuss in detail on Cariogenesis and histopathology of Dental Caries.
2. Write in detail on Giant Cell Lesions of the Jaw.

II. Short Essays:

(5 x 10 = 50)

1. Osteosarcoma.
2. Mucormycosis.
3. Lobular Capillary Hemangioma.
4. Rugae pattern.
5. Odontogenic Carcinoma.

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

[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2527

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

**FINAL YEAR
PART – II**

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL
MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Immunopathogenesis of Lichen Planus and Pemphigus.
2. Odontogenic lesions associate with Impacted Tooth.

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

1. Oral Hamartomas.
2. Histopathological differential diagnosis of Brown's tumor.
3. Acinic Cell Carcinoma.
4. Dental profiling.
5. Langerhans cell Histiocytosis.

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

[MDS 1022]

OCTOBER 2022

Sub. Code: 2527

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY
AND ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Discuss in detail the Verucopapillary lesions of Oral Cavity.
2. Classify Salivary Gland Tumors. Discuss the clinical features, pathogenesis, histopathology and differential diagnosis of Mucoepidermoid Carcinoma.

II. Short Essays:

(5 x 10 = 50)

1. Osteomyelitis of Jaw Bone.
2. DNA profiling.
3. Kaposi's Sacoma.
4. Hybrid Odontogenic Tumors.
5. Immunology of Dental Caries.

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

[MDS 0723]

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

Sub. Code: 2527

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

**FINAL YEAR
PART – II**

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Discuss clinicopathological correlation of Mixed Radiolucent and Radio-opaque Lesions of Gnathic origin.
2. Special stains and Immunohistochemistry as an aid to morphological diagnosis of Salivary Gland Tumors.

II. Short Essays:

(5 x 10 = 50)

1. Calculation of focus score in Sjorgren's syndrome.
2. Acidogenic and Aciduric bacteria.
3. Tumor immunology.
4. Human bite mark.
5. Subepithelial blisters.

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

[MDS 1023]

OCTOBER 2023

Sub. Code: 2527

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Discuss differential diagnosis based on morphological growth patterns of Malignant Salivary Gland Tumors with the Aid of routine-, special- and immuno-stains.
2. Discuss in detail the clinical, radiological and pathological correlations of Fibro-osseous lesions of the jaws with other competing diagnoses.

II. Short Essays:

(5 x 10 = 50)

1. Lupus band test.
2. Lip prints.
3. Microbial shifts in Periodontal diseases.
4. Orofacial granulomatosis.
5. Significance of Stephan curve.

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

[MDS 1024]

OCTOBER 2024

Sub. Code: 2527

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Define dental caries. Discuss specific, non-specific and ecological plaque hypotheses in the pathogenesis of dental caries.
2. Current classification of salivary gland tumors. Discuss differential diagnosis of tumors manifesting cribriform growth patterns.

II. Short Essays:

(5 x 10 = 50)

1. Describe the histological features of microdontia, macrodontia and taurodontism with suitable diagrams.
2. Describe clinical variants of Lichen planus and its histological correlations.
3. Defend that odontoma is an end-stage of ameloblastic fibroma.
4. Evasion of host immune response by fungi.
5. Palatal rugae pattern.

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

[MDS 0525]

MAY 2025

Sub. Code: 2527

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Immuno pathogenesis of pemphigus vulgaris.
2. Signalling pathways in oral cancer.

II. Short Essays:

(5 x 10 = 50)

1. Ploidy.
2. Immuno histochemical approach for clear cell lesion.
3. Enamel hypoplasia.
4. Difference between verrucous hyperplasia and verrucous carcinoma.
5. Lip prints.

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

[MDS 1225]

DECEMBER 2025

Sub. Code: 2527

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Enumerate the Bleeding and Clotting disorders. Write in detail about Pernicious anemia.
2. Classify Salivary gland tumors. Discuss the clinical features, pathogenesis, histopathology and differential diagnosis of the Mucoepidermoid Carcinoma.

II. Short Essays:

(5 x 10 = 50)

1. Langerhans histiocytosis.
2. Classify Odontogenic tumors.
3. Mucormycosis.
4. Orofacial granulomatosis.
5. Lip prints.

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

[MDS 0526]

MAY 2026

Sub. Code: 2527

M.D.S DEGREE EXAMINATION

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

FINAL YEAR

PART – II

**BRANCH VI – ORAL AND MAXILLOFACIAL PATHOLOGY AND
ORAL MICROBIOLOGY**

**PAPER I – ORAL PATHOLOGY, ORAL MICROBIOLOGY AND
IMMUNOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 242527

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Discuss the etiology, clinical features, histopathology and differential diagnosis of Verrucous carcinoma of the oral cavity.
2. Oncogenic viruses and their role in Oral lesions.

II. Short Essays:

(5 x 10 = 50)

1. Pathology and Immunology of Dental caries.
2. Cherubism.
3. Pulse granuloma.
4. Warthin's Tumor.
5. Bite marks.
