

[LI 395]

JUNE 2016

Sub. Code: 2483

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Discuss in detail phases of deglutition and its regulation.

II. Short Essays: **(6 x 10 = 60)**

1. Ethmoidal air sinus.
2. Oral biofilms in health and disease.
3. Anaphylaxis.
4. Apoptosis.
5. Pre-anaesthetic medication.
6. Role of receptors in the mechanism of drug action.

[LK 395]

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BRANCH IX – ORAL MEDICINE AND RADIOLOGY

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Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Discuss in detail the applied anatomy of the pharyngeal air way.

II. Short Essays: **(6 x 10 = 60)**

1. Regulation of salivary secretion.
2. Trigeminal nerve and its associated pathologies.
3. Amyloidosis.
4. Innate immunity.
5. Mechanism of action of local anaesthetics.
6. Discuss coagulants.

[LL 395]

OCTOBER 2017

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Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Discuss in detail tumor angiogenesis.

II. Short Essays: **(6 x 10 = 60)**

1. Development of gingival sulcus.
2. Muscles of tongue.
3. Chemical mediators of inflammation.
4. Complications of blood transfusion.
5. Antituberculosis drugs.
6. Tricyclic antidepressants.

[LM 395]

MAY 2018

Sub. Code: 2483

M.D.S DEGREE EXAMINATION
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BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Write an essay describing the applied aspects of the anatomy of the tongue.

II. Short Essays: **(6 x 10 = 60)**

1. Write briefly about the regulation of blood pressure.
2. Paranasal air sinuses and their applied aspects.
3. Calcium metabolism and its role in diseases of the jaws.
4. Characteristics of benign and malignant tumors.
5. Drugs used in the treatment of Trigeminal neuralgia.
6. Oral lesions caused by Candida albicans.

[LO 395]

MAY 2019

Sub. Code: 2483

M.D.S DEGREE EXAMINATION
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BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code: 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Modes of transmission of Hepatitis B Infection and also the protocols for prophylactic control of it.

II. Short Notes: **(6 x 10 = 60)**

1. Pharmacotherapy of hypertension.
2. Cancer suppressor genes.
3. Analysis of Variance test (ANOVA).
4. Glucose tolerance test.
5. Blood groups and its applied aspects.
6. Taste buds.

[LP 395]

OCTOBER 2019

Sub. Code: 2483

M.D.S DEGREE EXAMINATION
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BRANCH IX – ORAL MEDICINE AND RADIOLOGY

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PATHOLOGY AND PHARMACOLOGY**

Q.P. Code: 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Write an essay describing the applied aspects of cervico-facial lymph nodes.

II. Short Essays: **(6 x 10 = 60)**

1. Write briefly about the neural regulation of respiration.
2. Fascial spaces and their applied aspects.
3. Urea cycle and its importance.
4. Hypersensitivity in Oral and maxillofacial Medicine.
5. Local anesthetics used in Dental Surgery.
6. Write briefly on the age changes occurring in the teeth.

[LQ 395]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2483

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code: 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Applied anatomy and physiology Myofacial Pain Dysfunction Syndrome.

II. Short Essays: (6 x 10 = 60)

1. Use and abuse of antibiotics by health workers.
2. Applied anatomy of waldeyers ring.
3. Deglutition, the applied anatomy and physiology.
4. Pharmacotherapy of diabetes.
5. Applied anatomy and functions of the maxilla and mandible.
6. Pain evaluation in patient with dental pain

[MDS 0321]

**MARCH 2021
(OCTOBER 2020 SESSION)**

Sub. Code: 2483

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Write an essay describing the Applied Aspects of the Anatomy and functioning of the Salivary Glands, with respect to the Salivary Gland Disorders.

II. Short Essays: **(6 x 10 = 60)**

1. Hemoglobin and its Clinical Significance.
2. Facial Nerve and its Applied Aspects.
3. Essential Fatty Acids and Health.
4. Applied Aspects of Inflammation.
5. Corticosteroids in Oral Lesions.
6. Development of Mandible and Implications in its Disturbance.

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2483

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH IX – ORAL MEDICINE AND RADIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code : 242483

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Write in detail about the function and applied aspects of Platelets.

II. Short Essays: (6 x 10 = 60)

1. Sialogogues and Anti-Sialogogues.
2. Recent concept of Carcinogenesis and role of Oncogens.
3. Quaternary Ammonium Salts.
4. Graft Vs Host Disease.
5. Give the boundaries, relations and applied anatomy of Sphenoidal Air Sinus.
6. Natural Killer Cells.

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

[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2483

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

**FINAL YEAR
BRANCH IX – ORAL MEDICINE AND RADIOLOGY
PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND PHARMACOLOGY**

Q.P. Code : 242483

Time: 3 Hours

Answer ALL Questions

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Define Immunity, classify Immunity and describe the Phenomenon of cell – Mediated Immunity.

II. Short Essays: (6 x 10 = 60)

1. Dangerous area of face and their Significance.
2. Antiviral Drugs.
3. Significance of fine needle aspiration Cytology in Lymph node enlargement.
4. Palatal Anomalies.
5. Current concepts Blood Coagulation.
6. Steroid Sparing Agents.
