

[LI 375]

JUNE 2016

Sub. Code: 2471

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

**BRANCH VI – ORAL PATHOLOGY, MICROBIOLOGY AND
FORENSIC ODONTOLOGY**

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

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

1. Describe the Light and electron microscopic features of Mixed Salivary Gland. Explain briefly the process of formation and control of salivary secretion.

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

1. Causes for Oedema formation.
2. Anaphylaxis.
3. Palatine Tonsil.
4. Calcium Metabolism.
5. Antioxidants.
6. Measures of central tendency.

[LK 375]

JUNE 2017

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Discuss the utility of Saliva as a diagnostic fluid.

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

1. Cell cycle.
2. Mineralisation.
3. Necrosis.
4. Muscles of mastication.
5. Case control study.
6. Facial nerve.

[LM 375]

MAY 2018

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Describe the fibres of the Periodontal Ligament. Explain the Homeostatic function.

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

1. Necrosis and Apoptosis.
2. Autoimmunity.
3. Development of Tongue with a note on its anomalous development.
4. Theories of Mineralization.
5. Biological Oxidation.
6. Tests of Significance.

[LO 375]

MAY 2019

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code: 242471

Time: 3 Hours

Maximum: 75 Marks

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

1. Describe the organization of stratified squamous epithelium and synchronize it with the cell cycle.

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

1. Amelogenesis and enamel hypoplasia.
2. Chemical mediators of inflammation.
3. Case control study.
4. Tumor suppressor genes.
5. Facial nerve.
6. Calcium regulators.

[LP 375]

OCTOBER 2019

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Define Necrosis. Discuss in detail the various types of necrosis.

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

1. Cell cycle markers.
2. Ductal modification of saliva.
3. Mechanism of tooth eruption.
4. Sampling and sampling techniques.
5. Discuss various types of calcifications and its role in oral tissues.
6. Neural crest cells and its derivatives.

[LQ 375]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code: 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Describe the clotting mechanism and discuss the associated disorders.

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

1. Amyloidosis.
2. Vitamin D.
3. Temporomandibular joint.
4. Cell junctions.
5. Measures of central tendency.
6. Lymphatic drainage of head and Neck.

[MDS 0321]

MARCH 2021
(OCTOBER 2020 SESSION)

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Write in detail the Hormones that maintain the Serum Calcium Level.

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

1. Facial Nerve.
2. Embolism.
3. Chemical mediators in Inflammation.
4. Iron Deficiency Anemia.
5. Anaphylaxis.
6. Confidence Interval.

[MDS 0721]

JULY 2021
(MAY 2021 SESSION)

Sub. Code: 2471

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

BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
RESEARCH METHODOLOGY**

Q.P. Code : 242471

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Physiology of Calcium Metabolism.

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

1. Development of Tongue and developmental anomalies of Tongue.
2. Vitamin C deficiency.
3. Healing of Oral Wounds.
4. Histology of Masticatory Mucos.
5. Mean, Median and Mode.
6. Ductal system of Salivary Gland.
