

[LI 407]

JUNE 2016

Sub. Code: 2475

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

BRANCH VII – PUBLIC HEALTH DENTISTRY

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

Q.P. Code : 242475

Time: 3 Hours

Maximum: 75 Marks

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

1. Explain in detail about the development, gross anatomy, blood supply and nerve supply of tongue. Add a note on the applied anatomy of tongue.

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

1. Etiopathogenesis of dentoalveolar abscess.
2. Matching and Blinding.
3. Topical analgesics and antiseptics.
4. Minerals and oral health.
5. Fluid and electrolyte balance.
6. Dentinal Hypersensitivity and its management.

[LK 407]

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BRANCH VII – PUBLIC HEALTH DENTISTRY

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

Q.P. Code : 242475

Time: 3 Hours

Maximum: 75 Marks

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

1. Define saliva and mention its chemical composition. Discuss saliva as a biomarker for oral and systemic diseases. Add a note on artificial saliva.

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

1. Non-random sampling.
2. Glycolytic cycle.
3. Emergency drugs in dental practice.
4. Orofacial infections.
5. Maxillary sinus.
6. Immunity and its applied aspects on oral health.

[LM 407]

MAY 2018

Sub. Code: 2475

M.D.S DEGREE EXAMINATION
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BRANCH VII – PUBLIC HEALTH DENTISTRY

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

Q.P. Code : 242475

Time: 3 Hours

Maximum: 75 Marks

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

1. Define and classify hypothesis. Discuss the various statistical methods of testing hypothesis. Add a note on various softwares used in biostatistics.

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

1. Antibiotic resistance.
2. Oral microflora and its significance.
3. Healing of an sutured extraction socket.
4. Muscles of mastication.
5. Vitamins and oral health.
6. Importance of pain pathway.

[LO 407]

MAY 2019

Sub. Code: 2475

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

BRANCH VII – PUBLIC HEALTH DENTISTRY

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

Q.P. Code: 242475

Time: 3 Hours

Maximum: 75 Marks

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

1. Describe in detail the origin, course and applied anatomy of the Trigeminal nerve.

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

1. Role of parathyroid hormone on Oral structures and Oral health.
2. Drug in tolerance.
3. Non-organ specific autoimmune diseases.
4. Anaerobic culture methods.
5. Qualitative research.
6. Effect of vitamin D in Oral Health.

[LQ 407]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2475

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

BRANCH VII – PUBLIC HEALTH DENTISTRY

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

Q.P. Code : 242475

Time: 3 Hours

Maximum: 75 Marks

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

1. Discuss in detail the anatomy, course and innervations of facial nerve.

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

1. Briefly discuss the various tests used for inferential statistical analysis.
2. Discuss the pathogenesis and the treatment modalities for trigeminal neuralgia.
3. Discuss the importance of pre exposure prophylaxis in dentistry.
4. Briefly describe the anatomical significance of ptergo palatine fossa.
5. Briefly discuss the anatomical significance of maxillary sinus.
6. Briefly discuss the role of saliva as a diagnostic tool.
