

[LI 402]

JUNE 2016

Sub. Code: 2479

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

BRANCH VIII – PAEDIATRIC AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Define sterilization and disinfection. Enumerate the methods used in the dental operatory.

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

1. Sugar substitutes.
2. Status asthmaticus and its management.
3. Bacterial infections in oro-facial region.
4. Congenital anomalies of oral cavity in new-born infants.
5. Muscles of mastication.
6. Leukemia in children.

[LJ 402]

OCTOBER 2016

Sub. Code: 2479

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

BRANCH VIII – PAEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Discuss the development of palate. Add a note on congenital anomalies associated with hard and soft palate.

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

1. Passive immunity.
2. Buffering capacity of saliva.
3. Source, requirements and functions of vitamin D.
4. Balanced diet.
5. Pain pathway.
6. Vascular changes in inflammation.

[LK 402]

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**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Explain the structure of pulp and its functions. Add a note on the morphological, histological differences between the pulp of primary teeth and permanent teeth.

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

1. Management of anaphylaxis in a pediatric patient.
2. Role of Streptococcus mutants in caries.
3. Healing of a surgical wound.
4. Growth assessment parameters.
5. Amelogenesis imperfecta.
6. Infection control in pedodontics.

[LL 402]

OCTOBER 2017

Sub. Code: 2479

M.D.S DEGREE EXAMINATION
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BRANCH VIII – PAEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Describe in detail, the composition and functions of saliva.

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

1. Trigeminal neuralgia.
2. Acidogenic and aciduric bacteria in oral cavity.
3. Scurvy.
4. Bleeding disorders in a child and its management.
5. Gene probe.
6. Post natal growth of mandible.

[LM 402]

MAY 2018

Sub. Code: 2479

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

BRANCH VIII – PAEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Define diet and Nutrition. Discuss the role of diet in health and disease.

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

1. Muscles of Mastication.
2. Window of Infectivity.
3. Chemical mediators of inflammation.
4. Molar Incisal Hypoplasia.
5. Significance of haemogram in oral diseases.
6. Prothrombin time.

[LO 402]

MAY 2019

Sub. Code: 2479

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

BRANCH VIII – PAEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code : 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Explain the development of tongue. Discuss in detail the anomalies associated with it and its management in children.

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

1. Mechanism of action of Non-steroidal anti-inflammatory drugs.
2. Biofilm.
3. X-linked inheritance.
4. Varicella zoster.
5. Vital signs in children.
6. Saliva and dental caries.

[LQ 402]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2479

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

BRANCH VIII – PAEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY, MICROBIOLOGY, NUTRITION AND DIETICS**

Q.P. Code: 242479

Time: 3 Hours

Maximum: 75 Marks

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

1. Describe the origin, course, branches and innervations of trigeminal nerve. Add a note on its clinical implications.

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

1. Anemia in children and its management.
2. Vitamin K and its role in coagulation.
3. Passive immunisation.
4. TMJ disorders in children.
5. Low birth weight and dentition.
6. Pain pathway.
