

[LI 369]

JUNE 2016

Sub. Code: 2463

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

BRANCH IV – CONSERVATIVE AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

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

1. Classify casting failures. Discuss in detail the various types of failures and methodologies to prevent them.

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

1. Dental amalgam – technical considerations.
2. Local anaesthetics.
3. Dental burs.
4. Regressive changes in pulp.
5. Physiology of orofacial pain.
6. Antibiotic sensitivity test.

[LJ 369]

OCTOBER 2016

Sub. Code: 2463

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay:

(1 x 15 = 15)

1. Discuss in detail the Innervation of Oro-dental tissues.

II. Short Essays:

(6 x 10 = 60)

1. Syncope and its management.
2. Factors influencing wound Healing.
3. Dystrophic calcification.
4. Polymerization shrinkage of resin composites and methods to prevent shrinkage.
5. Composition, classification and properties of newer dental ceramics.
6. Methods of testing biocompatibility of dental materials.

[LK 369]

JUNE 2017

Sub. Code: 2463

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay:

(1 x 15 = 15)

1. Calcium hydroxide in conservative dentistry.

II. Short Essays:

(6 x 10 = 60)

1. Wound healing and repair.
2. Nerve and vascular supply of Mandible.
3. Antibiotic therapy in endodontics.
4. Inflammation.
5. Complications of local anaesthesia and management.
6. Endodontic biofilms .

[LL 369]

OCTOBER 2017

Sub. Code: 2463

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay:

(1 x 15 = 15)

1. Discuss in detail about the cells, nerve supply and blood vessels of the Dental pulp.

II. Short Essays:

(6 x 10 = 60)

1. Nickel Titanium alloys.
2. Necrosis.
3. Polysulphide impression material.
4. Dimensions of colour.
5. Balanced diet.
6. Composition, function and physiology of saliva.

[LM 369]

MAY 2018

Sub. Code: 2463

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. List the micro – organisms inhabiting the oral cavity and discuss the influence of environmental factors on the formation of biofilms.

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

1. Facial Nerve.
2. Coagulation Mechanisms.
3. Influence of diet on Health.
4. Usage of antibiotics in endodontics.
5. Viral Hepatitis.
6. Advantages of Biodentine.

[LN 369]

OCTOBER 2018

Sub. Code: 2463

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code: 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay:

(1 x 15 = 15)

1. Tarnish and Corrosion.

II. Short Essays:

(6 x 10 = 60)

1. Acquired Immunity.
2. Inferior alveolar Nerve.
3. Theories of Pain.
4. Wound healing in Endodontics.
5. Dental instruments sterilization.
6. Different types of necrosis with examples.

[LO 369]

MAY 2019

Sub. Code: 2463

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

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code : 242463

Time: 3 Hours

Maximum: 75 Marks

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

1. Discuss about Mineral trioxide aggregate.

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

1. Development of Tongue.
2. Pathway of dental pain.
3. Non- steroidal anti inflammatory drugs in Endodontics.
4. Balanced diet.
5. Caries immunization.
6. Periapical cyst.

[LP 369]

OCTOBER 2019

Sub. Code: 2463

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

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code: 242463

Time: 3 Hours

Maximum: 75 Marks

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

1. Microbiology of dental caries.

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

1. Composition and functions of saliva.
2. Entero Faecalis and its significance in Endodontics.
3. Location of pterygomandibular fossa.
4. Referred Pain.
5. Inlay wax.
6. Hemostatic agents.

[LQ 369]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2463

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

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code: 242463

Time: 3 Hours

Maximum: 75 Marks

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

1. Discuss in detail about the cells, nerve supply and blood vessels of the dental pulp.

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

1. Balanced diet.
2. Nickel Titanium alloys.
3. Inferior alveolar nerve.
4. Microbiology of dental caries.
5. Antibiotics in Endodontics.
6. Syncope and its management.

[MDS 0321]

**MARCH 2021
(OCTOBER 2020 SESSION)**

Sub. Code: 2463

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

BRANCH IV – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY,
PATHOLOGY AND DENTAL MATERIALS**

Q.P. Code: 242463

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. List the common Anti Inflammatory Agents and Analgesics used in Endodontics. Write in detail about the advantages of premedication in Management of Acute Inflammation.

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

1. Location of Pterygomandibular Fossa.
2. Role of Saliva in Oral Health.
3. Regressive changes in Pulp.
4. Uses of Antioxidants.
5. Advantages of Articaine.
6. Fungal Organisms.
