

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2512

**M.D.S DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Enumerate the neurological disorders of the Maxillofacial region, their diagnosis and management.
2. Classify fracture of middle third of facial skeleton and discuss clinical features, treatment and complications of Leforte III fracture.

II. Short Essays: (5 x 10 = 50)

1. Atrophic Mandible fracture management.
2. Imaging and localisation of impacted maxillary canine. Difficulty assessment of impacted Mandibular third molars.
3. Principles of antibiotics
4. Retrobulbarhemorrhage.
5. Diagnosis of Oral and Maxillofacial infections.

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

[MDS 0622]

**JUNE 2022
(MAY 2022 SESSION)**

Sub. Code: 2512

**M.D.S DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

**FINAL YEAR
PART – II
BRANCH III – ORAL AND MAXILLOFACIAL SURGERY
PAPER I – MINOR ORAL SURGERY AND TRAUMA**

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Discuss on protocols in treating maxillo facial injuries of road traffic accidents. Add a note on BLS.
2. Classify Preprosthetic Surgery. Write in detail about various ridge augmentation procedures.

II. Short Essays: **(5 x 10 = 50)**

1. Management of Malunited Zygomatic Complex Fracture.
2. Altered consciousness following administration of LA.
3. Transfusion guidelines and complications.
4. Champy's osteosynthesis line and controversies in angle fracture management.
5. Ludwig's angina.

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

[MDS 1022]

OCTOBER 2022

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify condylar fractures, describe the clinical features and analyse the necessity and limitations of closed versus open methods of fixation.
2. Enumerate the odontogenic and non-odontogenic infections of the jaw, its mode of spread and management.

II. Short Essays:

(5 x 10 = 50)

1. Blow-out fractures.
2. Tracheostomy.
3. Vestibuloplasty.
4. Mucormycosis in oral surgery.
5. Osteointegration in Maxillofacial region.

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

[MDS 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2512

**M.D.S. DEGREE EXAMINATION
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

**FINAL YEAR
PART – II
BRANCH III – ORAL AND MAXILLOFACIAL SURGERY
PAPER I – MINOR ORAL SURGERY AND TRAUMA**

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Classify LeFort fractures, describe the clinical features and methods of Fixation.
2. Enumerate the Odontogenic and Non-odontogenic cystic lesions of the jaw, the salient features and the modes of management.

II. Short Essays: (5 x 10 = 50)

1. Orbital Anatomy and Surgical Incision around the Eye.
2. Alveolar Ridge Augmentation procedures in both Maxilla and Mandible.
3. Zygomatic Arch fractures, its reduction and fixation methods.
4. Write about the healing of fractured bone and discuss methods of fixation towards primary bone healing.
5. Concepts in Antibiotics for Maxillofacial surgical treatment and management.

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

[MDS 1023]

OCTOBER 2023

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Classify Mandibular Fractures. Write in detail management of Bilateral Parasymphysis fracture in a 8 year old Child.
2. Describe the developmental embryology and anatomy of Maxillary sinus. Discuss in detail the etiology and clinical features of Oroantral communication. Classify and describe various flaps for closure of Oroantral fistula.

II. Short Essays:

(5 x 10 = 50)

1. Various Rigid internal fixation methods in facial bone fracture management.
2. Fluid and Electrolyte balance in Maxillofacial injuries.
3. Parapharyngeal space infection.
4. Bone grafts for minor Oral surgical procedures.
5. Nerve injuries secondary to Mandibular third molar surgery.

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

[MDS 1024]

OCTOBER 2024

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Describe Osteomyelitis and discuss the predisposing factors and etiopathogenesis of Osteomyelitis of Jaws. Classify and stage Osteomyelitis of Jaws and write a note on its diagnosis and management.
2. Describe the Lymphatic drainage of head and neck. Discuss about the pathways of spread of odontogenic infection and write a note on clinical evaluation and management of masticator space infection.

II. Short Essays:

(5 x 10 = 50)

1. Closed reduction methods for facial bone fractures.
2. Basic Life Support in Maxillofacial trauma.
3. Bacterial culture and Antibiotic sensitivity tests.
4. Conscious sedation in minor oral surgical practice.
5. Infection control in minor oral surgery.

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

[MDS 0525]

MAY 2025

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION

(For the Candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay:

(2 x 25 = 50)

1. Explore advanced surgical approaches and biomaterial applications for the repair of oroantral communications, with a focus on minimizing postoperative complications.
2. Discuss advanced concepts in pre-prosthetic surgery, focusing on precision techniques in alveoloplasty and vestibuloplasty for optimal prosthodontic outcomes.

II. Short Essays:

(5 x 10 = 50)

1. Types of biopsies and highlight on frozen section biopsies in the context of oral lesions.
2. Management of edentulous mandibular fractures.
3. Surgical and Medical management of fascial space infections.
4. Signs and symptoms and management of local anesthetic toxicity.
5. Bone regenerative techniques in minor oral surgical procedures.

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

[MDS 1225]

DECEMBER 2025

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION
(Candidates admitted for the Academic Year 2022-2023 only)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: **(2 x 25 = 50)**

1. Discuss the role of advanced imaging techniques in guiding surgical management and improving outcomes for patients with complex maxillofacial trauma.
2. Classify impacted maxillary canines. Evaluate the preoperative assessment and treatment planning considerations for surgical extraction of maxillary canines. How does a comprehensive evaluation of dental and skeletal relationships, as well as interdisciplinary collaboration, optimize surgical outcomes?

II. Short Essays: **(5 x 10 = 50)**

1. Virtual surgical planning (VSP) in maxillofacial trauma.
2. Discuss the factors influencing the potency and duration of action of local anaesthetics.
3. Discuss the role of bone quality and quantity in implant dentistry. How does bone density affect implant stability and long-term success?
4. Common surgical approaches for management of zygomaticomaxillary complex fractures.
5. TMJ arthrocentesis.

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

[MDS 0526]

MAY 2026

Sub. Code: 2512

M.D.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2018-2019 onwards)

FINAL YEAR

PART – II

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

PAPER I – MINOR ORAL SURGERY AND TRAUMA

Q.P. Code: 242512

Time: 3 Hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay: (2 x 25 = 50)

1. Discuss the etiopathogenesis and surgical approaches for the management of impacted third molars and other impacted teeth, including flap design and closure techniques.
2. Describe the techniques for achieving hemostasis during minor oral surgical procedures and discuss the management of bleeding complications.

II. Short Essays: (5 x 10 = 50)

1. Biomechanical rationale behind Champy's principle and its application in achieving stability in mandibular fractures.
2. Uniqueness in chemical composition and lipid solubility in the pharmacokinetics of Articaine in dental anaesthesia.
3. Pathophysiology and primary first line treatment of anaphylaxis.
4. Role of tracheostomy in emergency trauma care.
5. Imaging modalities, biochemical tests and management of CSF leak secondary to midface trauma.
