

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper VI - Modified Regulation III Candidates and
Final Year Paper VII - New Modified Regulation Candidates)

PAPER VII – ORAL AND MAXILLOFACIAL SURGERY

Q.P Code: 544222

Time: Three Hours

Maximum : 70 Marks

Answer All questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Define cyst. Classify odontogenic cyst of jaws. Write in detail clinical features, radiographic features and management of odontogenickeratocyst.
2. Classify mandibular fractures. Describe in detail signs symptoms, radiological features and management of bilateral condylar fracture.

II. Write Notes on: **(10 x 5 = 50)**

1. Lefort I fracure and management.
2. Kaban's protocol.
3. Composition of cornoys solution and its use.
4. Boundaries of canine space and its contents.
5. Various extra oral approaches to the temporomandibular joint.
6. Kelsey fry's technique.
7. Garres Osteomyelitis.
8. Genioplasty.
9. Anterior superior alveolar nerve block.
10. Ashley's flap.

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I. Elaborate on: **(2 x 10 = 20)**

1. Define and classify ankylosis. Describe in detail about the etiology, pathogenesis, clinical features, radiographic features and surgical management of bilateral ankylosis.
2. Classify fracture mandible. Discuss in detail the etiology, clinical and radiological features and management of # of the angle of the mandible.

II. Write Notes on: **(10 x 5 = 50)**

1. Alveolar osteitis.
2. Oro antral fistula.
3. War lines.
4. CSF rhinorrhea.
5. Bi-rotational Insertion technique.
6. Eutectic mixture of local anesthetic.
7. Lingual split technique.
8. Moist heat sterilization.
9. Kazanjian procedure.
10. Tic doulereaux.

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I. Elaborate on: **(2 x 10 = 20)**

1. Define TRIGEMINAL NEURALGIA. Discuss in detail about causes, clinical features and medical/surgical management of the trigeminal neuralgia.
2. Discuss surgical anatomy of maxillary sinus. Elaborate on various methods of closure of oro antral fistula.

II. Write Notes on: **(10 x 5 = 50)**

1. Pell and Gregory classification of impacted lower third molar.
2. Posterior superior Alveolar nerve block.
3. Tracheostomy.
4. Marsupialisation.
5. TNM classification.
6. Gilley's temporal approach.
7. Pre anaesthetic medication.
8. Dry socket.
9. Pleomorphic adenoma.
10. Ludwig's Angina.

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I. Elaborate on: (2 x 10 = 20)

1. Enumerate the causes of intra operative and post extraction haemorrhage. Write in detail the management of intraoperative haemorrhage.
2. Define and classify ankylosis of Temporomandibular joint. Describe the etiology, clinical and radiological features and management of unilateral bony ankylosis in a 10-year-old child.

II. Write Notes on: (10 x 5 = 50)

1. Antibiotic prophylaxis for infective endocarditis.
2. Marsupialization.
3. TNM classification.
4. Methods of fixation of jaw fractures.
5. Etiology, clinical features and management of Pterygomandibular space infection.
6. Composition of local anesthesia.
7. Hyperbaric oxygen therapy.
8. Oral manifestations of HIV.
9. Bilateral Sagittal Split Osteotomy.
10. What are the types of Biopsy? Add a note on FNAC.

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I. Elaborate on: (2 x 10 = 20)

1. Classification of mandibular fractures. Elaborate on surgical approaches and management of unfavourable mandibular angle fracture.
2. Classify odontogenic tumors. Define ameloblastoma and discuss the diagnosis and treatment of unicystic ameloblastoma.

II. Write Notes on: (10 x 5 = 50)

1. Cardio pulmonary resuscitation.
2. Classification of suture materials.
3. Indications and surgical steps in alveoloplasty.
4. Caldwell luc procedure.
5. Management of primary haemorrhage during extraction of teeth.
6. Local and Systemic actions of Lidocaine.
7. WAR lines and its implications.
8. MARX protocol in the treatment of osteoradionecrosis (ORN).
9. Surgical options for prognathic mandible.
10. Plunging Ranula.

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I. Elaborate on:

(2 x 10 = 20)

1. Classify Le fort fractures. Discuss in detail about clinical features and surgical management of Le fort II fractures.
2. Classify Pre-prosthetic procedures. Write in detail about the indications and surgical steps in vestibuloplasty procedures.

II. Write Notes on:

(10 x 5 = 50)

1. Emergency drugs used in dental practice.
2. Carnoy's solution.
3. Clinical features and surgical management of chronic osteomyelitis of the jaw.
4. Basic life support.
5. Landmarks and technique of Inferior alveolar block.
6. Partsch 2 procedure.
7. Genioplasty.
8. Local hemostatic agents.
9. Universal infection control precautions.
10. Anterior maxillary segmental osteotomy (AMO).

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I. Elaborate on: (2 x 10 = 20)

1. Discuss in detail the surgical management and the complication of disto angularly impacted lower third molar.
2. Classify zygomatic complex fractures. Discuss various modalities in treating zygomatic complex fractures.

II. Write Notes on: (10 x 5 = 50)

1. Cryosurgery.
2. Principles of Elevator.
3. Mental nerve block.
4. Dentigerous cyst.
5. Leukoplakia.
6. Miniplate Osteosynthesis.
7. Dry socket.
8. Frey's syndrome.
9. Gow gates technique.
10. Bone grafts

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Answer All questions in the same order
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I. Elaborate on: **(2 x 10 = 20)**

1. Classify midface fractures. Discuss in detail etiology, signs, symptoms and management of Le fort 1 fracture.
2. What are the common medical emergencies in dental practice? How would you manage?

II. Write Notes on: **(10 x 5 = 50)**

1. Enuclation.
2. Ossifying fibroma.
3. Internal derangement.
4. Trans alveolar extraction.
5. Local complications of local anesthesia.
6. Fibrous dysplasia.
7. Sub mandibular space infection.
8. Hyperbaric O₂ therapy.
9. Osteoradionecrosis.
10. Bell's palsy.

[LR 674]

NOVEMBER 2020 **Sub. Code: 4222**
(AUGUST 2020 SESSION)

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Time: Three Hours

Maximum: 70 Marks

Answer All questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Classify Midface Fractures. Discuss in detail etiology, signs, symptoms and Management of Le fort 1 Fracture.
2. What are the common Medical Emergencies in Dental Practice? How would you Manage?

II. Write Notes on: **(10 x 5 = 50)**

1. Eucleation.
2. Gow Gates Technique.
3. Internal Derangement.
4. Trans Alveolar Extraction.
5. Local Complications of local Anesthesia.
6. Fibrous Dysplasia.
7. Sub Mandibular Space Infection.
8. Dry Socket.
9. Osteoradionecrosis.
10. Bell's Palsy.

[BDS 0921]

SEPTEMBER 2021
(FEBRUARY 2021 SESSION)

Sub. Code: 4222

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Time: Three Hours

Maximum: 70 Marks

**Answer All questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on: **(2 x 10 = 20)**

1. Define TMJ Ankylosis and discuss the various methods of management.
2. Classify Facial Spaces and discuss in detail about Space Infection and Ludwigs Angina in detail.

II. Write Notes on: **(10 x 5 = 50)**

1. Adenomatoid Odontogenic Tumor.
2. Condylar Fracture and its management.
3. Dry Socket.
4. Caldwell Luc Procedure.
5. Bilateral Sagittal Split Osteotomy.
6. Wound Healing.
7. Osteoradionecrosis.
8. Champy's Principle.
9. TNM Classification.
10. Gorlin Goltz Syndrome.

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

[BDS 1221]

**DECEMBER 2021
(AUGUST 2021 SESSION)**

Sub. Code: 4222

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Time: Three Hours

Maximum: 70 Marks

**Answer All questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on: (2 x 10 = 20)

1. Classify Odontogenic Tumors. Define Ameloblastoma and discuss its various treatment modalities.
2. Discuss in detail about Maxillary fractures and its management.

II. Write Notes on: (10 x 5 = 50)

1. Dentigerous cyst.
2. Mandibular angle fracture and its management.
3. Submandibular space – boundaries, infection and its management.
4. Cavernous sinus thrombosis.
5. Vestibuloplasty.
6. AIDS.
7. Osteomyelitis.
8. Nerve injury.
9. Winter's WAR lines
10. Principles of extraction.

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

[BDS 0522]

**MAY 2022
(FEBRUARY 2022 SESSION)**

Sub. Code: 4222

B.D.S. DEGREE EXAM

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FINAL YEAR

PAPER VII – ORAL AND MAXILLOFACIAL SURGERY

Q.P Code: 544222

Time: Three Hours

Maximum: 70 Marks

**Answer All questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on: (2 x 10 = 20)

1. Define Local Anesthesia. Describe in detail the Classification and Mechanism of Action of Local Anaesthesia.
2. Classify Fascial Spaces. Describe in detail about causes, Clinical Signs and Symptoms and Management of Ludwig's Angina.

II. Write Notes on: (10 x 5 = 50)

1. Sterilization and Disinfection.
2. Principles of Elevators.
3. Sialolithiasis.
4. Trigeminal Neuralgia.
5. CSF Rhinorrhea.
6. Complications of Fracture.
7. Oroantral Fistula.
8. Anatomy of T M Joint.
9. Shock.
10. Ranula.

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

[BDS 1022]

**OCTOBER 2022
(AUGUST 2022 SESSION)**

Sub. Code: 4222

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**FINAL YEAR
PAPER VII – ORAL AND MAXILLOFACIAL SURGERY
*Q.P Code: 544222***

Time: Three Hours

Maximum: 70 Marks

**Answer all questions in the same order
Draw suitable diagrams wherever necessary**

I. Elaborate on: (2 x 10 = 20)

1. Classify cysts and discuss in detail about dentigerous cyst.
2. Classify Mandibular fractures and discuss in detail about management of condylar fractures in adult and children.

II. Write Notes on: (10 x 5 = 50)

1. Odontogenic keratocyst.
2. Zygomatic fracture and its management.
3. Ludwig's angina.
4. Pterygomandibular space.
5. Oro-antral fistula
6. Genioplasty.
7. Antibiotic prophylaxis
8. Suture materials
9. Tic douloureux
10. Needle stick injury.
