

[LI 357]

JUNE 2016

Sub. Code: 2461

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

BRANCH III – ORAL AND MAXILLOFACIAL SURGERY

**PAPER III – MAXILLOFACIAL SURGERY AND ORAL
IMPLANTOLOGY**

Q.P. Code : 242461

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss in detail the various flaps in the soft tissue reconstruction of head and neck region.
2. Describe various clinical presentation of facial disproportions. Describe middle third facial Osteotomies in the correction of acquired and developmental facial deformities.

II. Short Notes:

(7 x 5 = 35)

1. Rhinoplasty as a sequel in orthognathic surgery.
2. 3D CT Scan in maxillofacial surgery.
3. Chemotherapy as an adjuvant treatment option.
4. Classify and enumerate the stages of osteomyelitis.
5. Internal derangement of TMJ.
6. Use of anticoagulants and anti platelets in maxillofacial surgery.
7. Lasers in maxillofacial surgery.

[LK 357]

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Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Investigations and management of a T2 malignant lesion in the antero lateral border of tongue.
2. Planning and management of gummy smile.

II. Short Notes:

(7 x 5 = 35)

1. Role of arthrocentesis in temporo mandibular joint disorders.
2. Velopharyngeal in competence.
3. Surgical management of trigeminal neuralgia.
4. Maxillectomy.
5. Autogenous bone harvesting from orofacial areas for ridge augmentation.
6. Lasers in oral and maxillofacial surgery.
7. Central hemangioma.

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Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss in detail the management of a Stage III Squamous carcinoma of the floor of the mouth in a 40 year old patient.
2. Classify bone grafts and discuss in detail the options for a segmental defect crossing the midline of the mandible secondary to resection.

II. Short Notes:

(7 x 5 = 35)

1. Hyperbaric oxygen therapy in surgery.
2. Odontogenic keratocyst with treatment options.
3. Pharyngoplasty with a note on its techniques.
4. Treacher Collins syndrome its clinical presentation.
5. Temporomandibular joint dysfunction syndrome – its diagnosis with management.
6. Tumour markers in use in maxillofacial surgery.
7. Lasers in maxillofacial surgery.

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Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Explain the clinical features, investigations and management of a benign neoplasm of Parotid gland.
2. Explain pre surgical preparations and management of skeletal anterior open bite.

II. Short Notes:

(7 x 5 = 35)

1. Surgical approaches temporo mandibular joint.
2. Secondary alveolar bone grafting.
3. Surgical management in facial nerve paralysis.
4. Maxillectomy.
5. Sinus lift surgery
6. Tissue expanders.
7. Vascular malformation – diagnosis and management.

[LO 357]

MAY 2019

Sub. Code: 2461

M.D.S DEGREE EXAMINATION
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Q.P. Code: 242461

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Classify odontogenic tumors. Enumerate the diagnosis and management of Ameloblastoma involving right side of the mandible. Describe in detail about the reconstructive methods.
2. Describe in detail about the TMJ ankylosis. Write about the treatment modalities to correct the facial asymmetry in unilateral TMJ ankylosis.

II. Short Notes:

(7 x 5 = 35)

1. Premalignant lesions.
2. Strategies to avoid implant overload.
3. Genetics in malignancies.
4. Genioplasty.
5. Radiotherapy in oral cancer.
6. Complications of Distraction Osteogenesis.
7. Write briefly on stages of General anesthesia.

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Q.P. Code : 242461

Time: 3 Hours

Maximum: 75 Marks

I. Essays: **(2 x 20 = 40)**

1. Discuss the various mandibular repositioning techniques and their indications.
2. Staging of oral cancers and the role of tumour markers in deciding the management procedures.

II. Short Notes: **(7 x 5 = 35)**

1. Salivary fistula and its management.
2. Trans mandibular implants.
3. Chemotherapy versus radiotherapy as treatment choice for tumours of the oral cavity.
4. Explain the various types of distraction osteogenesis.
5. Staged implant placement.
6. The biologic basis for surgical correction of cleft lip and palate.
7. Treatment protocol for management of Myofascial pain dysfunction Syndrome in maxillofacial surgery.

[LQ 357]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 2461

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Q.P. Code: 242461

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Assessment, Planning of edentulous Maxilla for zygoma implant add a note on surgical procedure and complication.
2. Discuss diagnosis, clinical features and various treatment options of Mandibular Prognathism.

II. Short Notes:

(7 x 5 = 35)

1. Socket preservation.
2. Secondary alveolar bone grafting.
3. TNM staging.
4. Peri implantitis.
5. Adenomatoid Odontogenic Tumor.
6. Oral Submucous fibrosis.
7. LASERs in Oral Surgery.

[MDS 0321]

MARCH 2021
(OCTOBER 2020 SESSION)

Sub. Code: 2461

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Time: 3 Hours

Maximum: 75 Marks

I. Essays: **(2 x 20 = 40)**

1. Discuss the various Maxillary Repositioning Techniques and their Complications.
2. Write in detail on Functional Neck Dissection.

II. Short Notes: **(7 x 5 = 35)**

1. Central Haemangioma.
2. Dumb Bell Tumour.
3. Discuss Surgical Management of Palatal Defects.
4. Strategies to Avoid Implant Overload.
5. Surgical management of Chronic TMJ Dislocation.
6. Pre – treatment evaluation for Implant Placement.
7. Explain the types of Transport Distraction Osteogenesis.

[MDS 0721]

JULY 2021
(MAY 2021 SESSION)

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Time: 3 Hours

Maximum: 75 Marks

I. Essays: **(2 x 20 = 40)**

1. Explain about the diagnosis and management of patient with gummy smile.
2. Classify Cysts of the jaw, Explain about the management of Large Odontogenic Keratocyst in the mandible of a young patient.

II. Short Notes: **(7 x 5 = 35)**

1. Describe about the etiology and management of Sialolithiasis?
2. Explain principles and applications of Cryotherapy in Maxillofacial Surgery?
3. Detailed note on Bilateral Sagittal Split Osteotomy?
4. Explain about Metastasis in Squamous Cell Carcinoma?
5. Elaborate on management of Unilateral Cleft Palate?
6. Detailed note on planning of Implants in Atrophic Mandible?
7. Describe the closed lock In Temporomandibular Joint.
