

**MASTGAD : APRIL/MAY 2011**  
**SUBJECT : APPLIED BASIC SCIENCES**  
**PAPER - I**  
**(2008 course)**

Day : Friday  
Date : 13-05-2011

Time : 9:00 AM To 12:00 Noon  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1** Define inflammation. Mention the cardinal signs of inflammation and describe in detail any two bacterial infections involving the oral cavity.
- Q.2** Enumerate the nerves associated with motor supply to oral and maxillo-facial region. Describe the motor nerve supply of tongue.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3** Describe topical drugs used in oral cavity.
- Q.4** Explain the pathogenesis of autoimmune diseases. Name the laboratory methods that assist in their diagnosis.
- Q.5** Describe with a schematic diagram, the clotting mechanism of blood. Name the investigative procedures in the diagnosis of hemorrhagic disorders.
- Q.6** Define balanced diet and briefly describe the clinical assessment of nutritional status of an individual.
- Q.7** Describe the role of ethics in clinical trials.

\* \* \*

**MASTGAD : APRIL/MAY 2011**  
**SUBJECT : ORAL AND MAXILLOFACIAL IMAGEOLOGY**  
**PAPER - II**

Day : Monday (2008 Course)  
Date : 16-05-2011

Time : 9.00 A.M. To 12.00 Noon.  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1 Discuss the fibro-osseous lesions occurring in the jaws.
- Q.2 Describe radiographic techniques used for traumatic injuries to the mandible.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3 Globulomaxillary cyst.
- Q.4 Imaging of salivary glands.
- Q.5 Object localization techniques in conventional radiography.
- Q.6 Discuss briefly the factors resulting in faulty radiographs.
- Q.7 Discuss differential diagnosis of multilocular radiolucencies occurring at the angle of mandible.

\* \* \*

**MASTGAD : APRIL/MAY 2011**  
**SUBJECT : ORAL MEDICINE, THERAPEUTICS & LABORATORY**  
**INVESTIGATIONS**

**PAPER - III**

Day : *Wednesday* (2008 course)  
Date : *18-05-2011*

Time : *9.00 A.M. To 12.00 Noon*  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1** Discuss the differential diagnosis of lymphadenopathy in the orofacial region.
- Q.2** Discuss the recent concepts in classification and diagnosis of oral premalignant lesions and conditions.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3** Oral soft tissue reactive hyperplasia.
- Q.4** Vital staining.
- Q.5** Myofascial pain dysfunction syndrome.
- Q.6** What are the different hematological investigations done commonly in dental patients?
- Q.7** Oral manifestations and management in diabetic patient..

\* \* \*

MASTGAD : APRIL/MAY 2011

SUBJECT : ESSAY (2008 Course)

PAPER - IV

Day : Friday  
Date : 20.5.2011

Time : 9.00 A.M. To 12.00 Noon,  
Max. Marks : 75

N.B.

- 1) Write an essay on **ONE** of the following..
- 2) Draw neat, labeled diagrams to illustrate your answer.

Q.1 Viral lesions of the orofacial region.

OR

Q.1 Radiation protection.

\* \* \*



**BHIMGAD : APRIL / MAY – 2012**  
**SUBJECT: PAPER – I: APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day: *Saturday*  
Date: *12.05.2012*

Time: *9.00 A.M. To 12.00 Noon*  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Describe using suitable diagrams the surgical anatomy of the Temporomandibular Joint. Discuss the various approaches for Temporomandibular Joint surgery. (20)
- Q.2** Describe the process of normal haemostasis. Classify various blood dyscrasias. Discuss the management of patients suffering from bleeding disorders undergoing minor oral surgical procedures. (20)

**Short Essay Questions:**

- Q.3** Describe the layers of the scalp. Add a brief note on scalp injuries. (07)
- Q.4** Hepatitis B- modes of transmission, carrier state, prophylaxis. (07)
- Q.5** Using diagrams describe briefly the origin, insertion, nerve supply and actions of the muscles of mastication. (07)
- Q.6** Discuss the healing of fractures with reference to the various stages of the healing process and cellular processes during these stages. (07)
- Q.7** Classify Non steroidal antiinflammatory drugs. Explain the rationale for analgesic selection in maxillofacial pain and inflammation. (07)

**BHIMGAD: APRIL / MAY – 2012**  
**SUBJECT: PAPER – II: MINOR ORAL SURGERY & TRAUMA**

Day: *Monday*  
Date: *14.05.2012*

Time: *8.00 A.M. To 12.00 Noon.*  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Discuss the planning and management in Panfacial trauma case. (20)
- Q.2** Discuss presurgical evaluation of impacted mandibular 3<sup>rd</sup> molar. Which parameters would you help you to determine the difficulty in surgical removal? (20)

**Short Essay Questions:**

- Q.3** Classify dental implants. Describe in brief the method of 'sinus lift' for the placement of implants in the maxillary posterior region. (07)
- Q.4** Describe the Le Fort II fracture line. Present clinical features and outline of management of Le Fort II fracture. (07)
- Q.5** Management of avulsed teeth- indications, technique and controversies. (07)
- Q.6** Cavernous sinus thrombosis- pathogenesis and outline of management. (07)
- Q.7** Enumerate the various methods used to close an oro-antral fistula. Describe the palatal pedicle flap technique. (07)

**BHIMGAD: APRIL / MAY – 2012**

**SUBJECT: PAPER – III: MAXILLOFACIAL SURGERY & ORAL IMPLANTOLOGY**

Day: Wednesday  
Date: 16.05.2012

Time: 9:00 A.M. To 12:00 Noon  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Discuss the diagnosis and surgical management for a patient with vertical maxillary excess. (20)
- Q.2** Discuss the evaluation and comprehensive surgical management of an 18 year old patient with bilateral temporomandibular joint bony ankylosis since the age of eight. (20)

**Short Essay Questions:**

- Q.3** Basic principles of microvascular surgery (07)
- Q.4** Physiology of distraction osteogenesis. (07)
- Q.5** Post surgical facial scars- evaluation and surgical treatment options. (07)
- Q.6** Classify cleft palate. Discuss evaluation and management of velopharyngeal incompetence. (07)
- Q.7** LASERS- types and their uses in maxillofacial surgery. (07)

**BHIMGAD : APRIL / MAY – 2012**  
**SUBJECT: PAPER – IV: ESSAY**

Day: *Friday*  
Date: *18.05.2012*

Time: *9.00 A.M. To 12.00 Noon*  
Max. Marks: 75

**N.B.:**

- 1) Answer Any **ONE**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

**Q.1** Controversies in Maxillofacial Trauma.

**(75)**

**OR**

Soft tissue injuries of the head, face and neck region.

\* \* \*



**BHIMGAD : APRIL/ MAY 2013**  
**SUBJECT: PAPER-I – APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day : Thursday  
Date : 2.5.2013

Time : 9.00 A.M. To 12.00 Noon  
Max. Marks : 75.

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Start each answer on a new page.
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss the anatomy of the nose (osseous and cartilaginous structures). Add a note on aesthetic evaluation of nose and adjoining structures prior to a rhinoplasty procedure. **(20)**
- Q.2** Describe the extracranial course of the facial nerve. Discuss various techniques to prevent injury to this nerve during various maxillofacial surgical procedures. **(20)**

**Short Essay Questions:**

- Q.3** Discuss the anatomy of temporalis muscle. Describe using diagrams the anatomic basis of the temporalis flap. **(07)**
- Q.4** Describe the origin, insertion, nerve supply and actions of the various extraocular muscles of the eye. Describe in brief the Forced Duction Test. **(07)**
- Q.5** Classify dental implants. Describe the advantages and demerits of various implant surfaces. **(07)**
- Q.6** Universal barrier / protection method's in prevention of cross infection. **(07)**
- Q.7** Pain pathways. **(07)**

**BHIMGAD : APRIL/ MAY 2013**  
**SUBJECT : PAPER-II – MINOR ORAL SURGERY AND TRAUMA**

Day : *Saturday*  
Date : *4.5.2013*

Time : *9.00 A.M. To 12.00 Noon*  
Max. Marks : 75.

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Start each answer on a new page.
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss the terms 'non-union' and 'mal-union' with regard to facial fractures. How will you evaluate and treat a case of malunited Lefort II fracture? (20)
- Q.2** Discuss, using suitable diagrams, the spread of infection arising in and around mandibular third molar. Add a note on deep neck infections of odontogenic origin. (20)

**Short Essay Questions:**

- Q.3** Compare and contrast various fixation options used in mandibular angle fracture. (07)
- Q.4** Role of Computerized Tomography (CT) Scan in Maxillofacial injuries. (07)
- Q.5** Zygomatic implants – case evaluation and surgical technique. (07)
- Q.6** Functional endoscopic sinus surgery – FESS – Types and technique. (07)
- Q.7** Minor oral surgeries for patient with Diabetes Mellitus and Hypertension. (07)

**BHIMGAD : APRIL/ MAY 2013**  
**SUBJECT : PAPER-III – MAXILLOFACIAL SURGERY AND ORAL**  
**IMPLANTOLOGY**

Day : Monday  
Date : 6.5.2013

Time : 9.00 A.M. To 12.00 Noon.  
Max. Marks : 75.

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Start each answer on a new page.
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss various vascular malformations in head face neck region. Write in detail the management strategies for hemangioma of the jaws. (20)
- Q.2** Describe in detail the surgical technique of Bilateral Saggital Split Osteotomy. Using diagrams present the modifications and versatility of the procedure. (20)

**Short Essay Questions:**

- Q.3** Recurrent dislocation of Temporomandibular Joint (TMJ) – aetiology and management options. (07)
- Q.4** Evaluation and management of speech defects in patients with cleft palate. (07)
- Q.5** Radiation therapy for oral squamous cell carcinoma – indications, scheduling, pre-radiation preparation, dosage and complications/ undesirable effects. (07)
- Q.6** Use of implants for facial reconstruction (ear/ nose/orbit) – technique only. (07)
- Q.7** LASERS – types and their uses in maxillofacial surgery. (07)

**BHIMGAD : APRIL/ MAY 2013**  
**SUBJECT : PAPER-IV - ESSAY**

Day : *Wednesday*  
Date : *8.5.2013*

Time : *9.00 A.M. TO 12.00 Noon*  
Max. Marks : 75.

---

**N.B.:**

- 1) Answer any **ONE**.
  - 2) Figures to the **RIGHT** indicate maximum marks.
  - 3) Illustrate your answers with neat and labeled diagrams.
- 

Facial Asymmetry.

(75)

**OR**

Odontogenic Keratocysts (OKCs)

(75)

\* \* \*



**BHIMGAD: APRIL / MAY - 2014**  
**SUBJECT: ORAL MAXILLOFACIAL SURGERY**  
**PAPER -I: APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day: **Saturday**  
Date: **19-04-2014**

Time: **9:00AM TO 12:00 NOON.**  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a **NEW** page.
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Describe the carotid triangle of the neck. Describe in detail the procedure/s for ligation of the external carotid artery. (20)
- Q.2** Write in detail about the coagulation cascade. Describe the evaluation and comprehensive management of a case of hemophilia requiring a minor oral surgical procedure. (20)

**Short Essay Questions:**

- Q.3** Define and classify hypersensitivity reactions. Describe the etiopathogenesis, features and management of anaphylaxis. (07)
- Q.4** Classify steroids. Discuss the role of steroids in oral and maxillofacial surgery. (07)
- Q.5** Discuss the various stages of bone healing. Add a note on impaired bone healing. (07)
- Q.6** Describe in brief the pathogenesis and clinical features of odontogenic keratocyst. Discuss in detail the line of investigation and treatment options for cystic lesions of the jaw. (07)
- Q.7** Nutritional assessment and management of patient requiring surgery. (07)

**BHIMGAD: APRIL / MAY - 2014**  
**SUBJECT: ORAL MAXILLOFACIAL SURGERY**  
**PAPER -II: MINOR ORAL SURGERY AND TRAUMA**

Day: **Monday**  
Date: **21-04-2014**

Time: **9:00 AM TO 12:00 NOON.**  
Max. Marks: 75

---

**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Start each answer on a **NEW** page.
  - 4) Illustrate your answers with neat and labeled diagrams.
- 

**Long Essay Questions:**

- Q.1** Describe using suitable diagrams the surgical anatomy of the (20)  
zygomaticomaxillary complex (ZMC). Discuss the surgical management  
and reconstruction options for an impure blow- out fracture of the floor  
of orbit.
- Q.2** Discuss the postoperative complications associated with the surgical (20)  
removal of impacted mandibular third molars. Discuss the management  
of these complications.

**Short Essay Questions:**

- Q.3** Provide appropriate method of assessment and treatment options for a (07)  
patient with unstable mandibular denture using dental implants.
- Q.4** Cavernous sinus thrombosis- pathogenesis and outline of management. (07)
- Q.5** Minor oral surgeries for patients with Ischaemic Heart Disease (IHD) (07)
- Q.6** Discuss treatment protocol for fractures of the mandibular condyle. (07)
- Q.7** Evaluation and primary management of head injury. (07)

**BHIMGAD: APRIL / MAY - 2014**  
**SUBJECT: ORAL MAXILLOFACIAL SURGERY**  
**PAPER -III: MAXILLOFACIAL SURGERY & ORAL IMPLANTOLOGY**


Day: **Friday**  
Date: **25-04-2014**

Time: **9:00AM TO 12:00NOON**  
Max. Marks: 75


**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a **NEW** page.
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

-  **Q.1** Discuss your method of evaluation and management of a large pleomorphic adenoma involving the superficial lobe of the parotid gland. (20)
- Q.2** Discuss the evaluation and surgical management for a patient with vertical maxillary excess. (20)

**Short Essay Questions:**

- Q.3** Principles of distraction osteogenesis. (07)
- Q.4** Modified radical neck dissection- rationale and variations. (07)
-  **Q.5** Surgical treatment options for Oral submucous fibrosis. (07)
- Q.6** Describe any one technique for management of unilateral cleft lip, use diagrams. (07)
- Q.7** Giant cell lesions of the jaws- classification and treatment outline. (07)

**BHIMGAD: APRIL / MAY - 2014**  
**SUBJECT: ORAL MAXILLOFACIAL SURGERY**  
**PAPER -IV: ESSAY**

Day: **Monday**  
Date: **28-04-2014**

Time: **9:00 AM TO 12:00 NOON**  
Max. Marks: 75

---

**N.B.:**

- 1) Answer any **ONE**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Illustrate your answers with neat and labeled diagrams.
- 

**Q.1**      Assessment and Management of malunited facial fractures **(75)**

**OR**

**Q.2**      Assessment and Management of Facial Asymmetry **(75)**

\*      \*      \*



**BHIMGAD : WINTER - 2015**

**SUBJECT : PAPER – I : APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day : Saturday  
Date : 31/10/2015

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss the applied anatomy of the intracranial venous sinuses with emphasis on cavernous sinus .Discuss the clinical features and management of cavernous sinus thrombosis. Add a note on the spread of infection from the maxillofacial region to intracranial structure. (20)
- Q.2** Describe the surgical anatomy of Temporomandibular Joint. Discuss various approaches for Temporomandibular Joint surgery. (20)

**Short Essay Questions**

- Q.3** Minor-Oral Surgery in Patients with bleeding disorders (07)
- Q.4** Airway management in maxillofacial surgery. (07)
- Q.5** Classify Non Steroidal Anti Inflammatory Drugs (NSAIDs). Discuss in brief their mechanism of action and potential complications. (07)
- Q.6** Discuss the mechanisms of increase in the size of a cyst. (07)
- Q.7** Conscious sedation in Oral and Maxillofacial surgery. (07)

\* \* \*

**BHIMGAD : SUMMER – 2015**  
**SUBJECT : PAPER – I : APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day : Monday  
 Date : 20-04-2015

Time : 9.00 A.M. To 12.00  
 Max. Marks : 75 Noon

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Describe the surgical anatomy of the orbit and its contents. How will you evaluate a patient with orbital trauma prior to surgical intervention? (20)
- Q.2** Discuss the anatomy of the nose (osseous and cartilaginous structures). Add a note on aesthetic evaluation prior to a rhinoplasty procedure. (20)

**Short Essay Questions**

- Q.3** Complications of blood transfusion and its management. (07)
- Q.4** Grading and staging of cancers. Add a note on tumour angiogenesis. (07)
- Q.5** Ligation of External Carotid Artery indication and technique. (07)
- Q.6** Mucormycosis – Medicinal and surgical management. (07)
- Q.7** Oral manifestation of Acquired Immuno Deficiency Syndrome. (07)

\* \* \*

**BHIMGAD : WINTER - 2015**  
**SUBJECT : PAPER – II : MINOR ORAL SURGERY AND TRAUMA**

Day : Monday  
Date : 02/11/2015

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss the pathophysiology, clinical features, management of Orbital blow out fracture. (20)
- Q.2** Management of maxillofacial trauma in the paediatric population. Discuss evaluation and primary management, critical care and difficulties in definitive management in paediatric facial fractures. (20)

**Short Essay Questions**

- Q.3** Champy's Principles and Lines of Osteosynthesis (07)
- Q.4** Bone plates and screws- new materials and recent designs (07)
- Q.5** Functional endoscopic sinus surgery (FESS) – Types, technique and application in Oral and Maxillofacial Surgery (07)
- Q.6** Recent advances in surgical management of Oral Submucous fibrosis. (07)
- Q.7** Cerebrospinal fluid rhinorrhoea - etiology, clinical features, diagnosis and management. (07)

\* \* \*

**BHIMGAD : SUMMER – 2015**  
**SUBJECT : PAPER – II : MINOR ORAL SURGERY AND TRAUMA**

Day : Wednesday  
Date : 29.04.2015

Time : 9.00 A.M. To 12.00 Noon  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1 Define and classify osteomyelitis. Discuss the etiopathology and management of Chronic Osteomyelitis of mandible. (20)
- Q.2 Discuss the surgical anatomy of the extraocular muscle of the orbits with special emphasis on the management of their entrapment/injury in maxillofacial trauma. (20)

**Short Essay Questions**

- Q.3 Decision making in impacted maxillary canines-orthodontic repositioning or surgical removal. (07)
- Q.4 Airway management in patients with extensive maxillofacial trauma. (07)
- Q.5 Parotid fistula – etiology and management (07)
- Q.6 Facial scars – evaluation and surgical management. (07)
- Q.7 Sclerosing agents – indications, technique, limitations and complications. (07)

\* \* \*



**BHIMGAD : WINTER - 2015**  
**SUBJECT : PAPER – III : MAXILLOFACIAL SURGERY AND ORAL  
IMPLANTOLOGY**

Day : Wednesday  
Date : 04/11/2015

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Discuss principles of Bilateral Sagittal Split Osteotomy (BSSO). (20)  
Describe surgical technique, modifications, soft tissue changes and complications associated with the surgery.
- Q.2** Superficial Parotidectomy-Indications, technique and complications. (20)

**Short Essay Questions**

- Q.3** Basic principles of microvascular surgery. (07)
- Q.4** Physiology of distraction osteogenesis. (07)
- Q.5** Arthrocentesis of the Temporomandibular Joint – indications and technique (07)
- Q.6** Sinus lift for dental implants – technique and complications (07)
- Q.7** Facelift procedures-indications, technique, complications. (07)

\* \* \*

**BHIMGAD : SUMMER – 2015**  
**SUBJECT : PAPER – III : MAXILLOFACIAL SURGERY AND ORAL**  
**IMPLANTOLOGY**

Day : **Friday**  
Date : **24.04.2015**

Time : **9.00 A.M. To 12.00 Noon**  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Start each answer on a new page..
- 4) Illustrate your answers with neat and labeled diagrams.

**Long Essay Questions:**

- Q.1** Classify developmental anomalies of face, head and neck? Describe the principles and current trends in management of craniofacial anomalies. (20)
- Q.2** Two jaw surgery - model surgery, sequencing philosophy, splint fabrication options and complexity. (20)

**Short Essay Questions**

- Q.3** Distraction osteogenesis in cleft maxilla. (07)
- Q.4** Ameloblastoma-management principles. (07)
- Q.5** Inferior alveolar Nerve Lateralisation for implant placement – indications, technique and complications. (07)
- Q.6** Diagnostic aids in salivary gland pathology. (07)
- Q.7** Describe any one technique for correction of unilateral cleft lip. (07)

\* \* \*

**BHIMGAD : WINTER - 2015**  
**SUBJECT : PAPER - IV : ESSAY**

Day : Friday  
Date : 06/11/2015

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate your answers with neat and labeled diagrams.

Benign tumours of the jaws.

(75)

**OR**

Diseases of the salivary glands.

\* \* \*

**BHIMGAD : SUMMER – 2015**  
**SUBJECT : PAPER – IV : ESSAY**

Day : Monday  
Date : 27-04-2015

Time : 9:00 A.M. To 12:00 Noon  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate your answers with neat and labeled diagrams.

Gunshot wounds and war injuries.

(75)

**OR**

Recent development in dental implantology.

\* \* \*



**BHIMGAD : SUMMER – 2016**  
**SUBJECT : PAPER – I: APPLIED ANATOMY, PHYSIOLOGY & PATHOLOGY**

Day : Monday  
Date : 06/06/2016

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Describe the surgical anatomy of Temporomandibular Joint (TMJ). Discuss [20]  
various approaches for TMJ surgery.
- Q.2** Describe the surgical anatomy of orbit. Describe methods to assess orbital [20]  
injury in a patient with extensive maxillofacial trauma.

**Short Essay Questions:**

- Q.3** Lateral pharyngeal space: Boundaries, contents and method of drainage. [07]
- Q.4** Mucormycosis - Diagnosis and management. [07]
- Q.5** Transfusion of blood and blood components: Indications and Complications [07]
- Q.6** Radiotherapy: Effect on tissues of the maxillofacial region (hard and soft). [07]
- Q.7** Stages of Deglutition. [07]

\* \* \* \*

**BHIMGAD : SUMMER – 2016**  
**SUBJECT : PAPER – II: MINOR ORAL SURGERY & TRAUMA**

Day : Wednesday  
Date : 08/06/2016

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Discuss maxillofacial injuries in the paediatric patient. Describe philosophy and management in detail. [20]
- Q.2** Describe using diagrams the relationships of the various spaces of the neck. Discuss the management of deep neck infections in detail. [20]

**Short Essay Questions:**

- Q.3** Osteoradionecrosis: Etiology and definitive management [07]
- Q.4** Diplopia: Evaluation and maxillofacial treatment modalities. [07]
- Q.5** Keratocystic odontogenic tumour (KCOT): Treatment options & their rationale [07]
- Q.6** Secondary alveolar bone grafting (SABG) in cleft palate [07]
- Q.7** Ridge augmentation procedures: indications, techniques and limitations. [07]

\* \* \* \*

**BHIMGAD : SUMMER – 2016**  
**SUBJECT : PAPER – III: MAXILLOFACIAL SURGERY & ORAL IMPLANTOLOGY**

Day : Friday  
Date : 10/06/2016

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

---

**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 

**Long Essay Questions:**

- Q.1** Discuss principles of Bilateral Sagittal Split Osteotomy (BSSO). Describe [20]  
indications, surgical technique with modifications and complications associated  
with the surgery.
- Q.2** Define and classify Temporomandibular Joint (TMJ) ankylosis? Describe in [20]  
detail the different treatment modalities available for its correction.

**Short Essay Questions:**

- Q.3** Basic principles of microvascular surgery. [07]
- Q.4** Zygomatic implants. [07]
- Q.5** Supraomohyoid neck dissection. [07]
- Q.6** Describe any one technique of correction of unilateral cleft lip. [07]
- Q.7** Describe in brief the diagnostic aids used in salivary gland pathologies. [07]

\* \* \* \*

**BHIMGAD : SUMMER – 2016**  
**SUBJECT : PAPER – IV: ESSAY**

Day : Monday  
Date : 13/06/2016

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**N.B.:**

- 1) Answer **ANY ONE**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

Advances in Oral Implantology.

[75]

**OR**

Facial Asymmetry.

[75]

\* \* \* \*



**BHIMGAD-SUMMER-2017**  
**SUBJECT: PAPER I: APPLIED ANATOMY, PHYSIOLOGY AND PATHOLOGY**

**Day:** Friday  
**Date:** 19/05/2017

**Time:** 09.00 AM TO 12.00 NOON  
**Max. Marks:** 75

---

**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 

**Long Essay Questions:**

- Q.1** What are Pre-prosthetic surgeries? Describe the surgical reconstructive (20)  
procedures for soft and hard tissues of edentulous jaws.
- Q.2** Describe surgical anatomy of triangles of neck. Discuss spread of deep neck (20)  
infection in detail.

**Short Essay Questions:**

- Q.3** Development of tongue (07)
- Q.4** Healing of socket after tooth extraction. (07)
- Q.5** Principles of distraction osteogenesis. (07)
- Q.6** Anti-fungal drugs - Enumerate, Indications, Dosage, Adverse effects. (07)
- Q.7** Grading and staging of oral cancers. (07)

\* \* \* \* \*

**BHIMGAD-SUMMER-2017**  
**SUBJECT: PAPER II: MINOR ORAL SURGERY AND TRAUMA**

**Day:** Monday  
**Date:** 22/05/2017

**Time:** 09.00 AM TO 12.00 NOON  
**Max. Marks:** 75

---

**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 

**Long Essay Questions:**

- Q.1** Classify fractures of middle third of face. Discuss emergency management and care of patient having severe midface injury. **(20)**
- Q.2** Discuss in detail the surgical anatomy of the submandibular space. How would you proceed to investigate and manage a case of Ludwig's Angina? **(20)**

**Short Essay Questions:**

- Q.3** Controversies in the management of keratocystic odontogenic tumour (KCOT). **(07)**
- Q.4** Oro-antral fistula – management of large oro - antral fistulas **(07)**
- Q.5** Sinus lift - complications and their management **(07)**
- Q.6** Transplantation of teeth **(07)**
- Q.7** Facial scars – outline of management **(07)**

**BHIMGAD-SUMMER-2017**

**SUBJECT: PAPER III: MAXILLOFACIAL SURGERY AND ORAL IMPLANTOLOGY**

**Day:** Wednesday

**Date:** 24/05/2017

**Time:** 09.00 AM TO 12.00 NOON

**Max. Marks:** 75

---

**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 

**Long Essay Questions:**

- Q.1** Discuss evaluation and management of a large pleomorphic adenoma involving the superficial lobe of the parotid. **(20)**
- Q.2** Discuss the diagnosis and surgical management for a patient with vertical maxillary excess. **(20)**

**Short Essay Questions:**

- Q.3** Modified radical neck dissection-rationale. **(07)**
- Q.4** Describe any one technique for management of unilateral cleft palate use diagrams. **(07)**
- Q.5** Giant cell lesions of the jaws - classification and treatment outline. **(07)**
- Q.6** Facelift procedures- indications, technique, complications. **(07)**
- Q.7** Application of LASER technology in OMFS. **(07)**

**BHIMGAD-SUMMER-2017**  
**SUBJECT: PAPER IV: ESSAY**

**Day:** Friday  
**Date:** 26/05/2017

**Time:** 09.00 AM TO 12.00 NOON  
**Max. Marks:** 75

**N.B:**

- 1) Answer **ANY ONE**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Complications in Orthognathic Surgery.

(75)

**OR**

Advances in Oral Implantology.

(75)

\* \* \* \* \*



**MASTER OF DENTAL SURGERY (M.D.S.) (2018 COURSE)**  
**M.D.S. Part-II ORAL & MAXILLOFACIAL SURGERY :SUMMER- 2022**  
**SUBJECT : PAPER - I**

Day : Saturday

Time : 09:00 AM-12:00 PM

Date : 3/9/2022

**S-20248-2022**

Max. Marks : 100

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

**SECTION - I**

- Q.1** Discuss in detail the surgical anatomy of the submandibular space. How would you proceed to investigate and manage a case of Ludwig's Angina? **(25)**
- Q.2** Discuss maxillofacial injuries in the paediatric patients. Describe philosophy and management in detail. **(25)**

**SECTION - II**

- Q.3** Keratocystic odontogenic tumor (KCOT) - treatment options and rationale **(10)**
- Q.4** Fixation options in mandibular angle fracture. **(10)**
- Q.5** Facial scars - evaluation and surgical management. **(10)**
- Q.6** Bone plates and screws - new materials and recent designs. **(10)**
- Q.7** Oroantral fistula - management of large oroantral fistulas. **(10)**

\*\*\*\*\*

M.D.S. PART-II (2018 COURSE) (ORAL AND MAXILLOFACIAL SURGERY) : SUMMER - 2022  
SUBJECT : PAPER - II

Day : Monday

Time : 09:00 AM-12:00 PM

Date : 5/9/2022

S-20249-2022

Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

SECTION - I

- Q.1 Discuss evaluation and management of a large pleomorphic adenoma involving (25)  
the superficial lobe of the parotid gland.
- Q.2 Discuss biologic principles of Bilateral Sagittal Split Osteotomy (BSSO). (25)  
Describe indications, surgical technique with modifications and complications  
associated with the surgery.

SECTION - II

- Q.3 Describe any one technique of correction of unilateral cleft lip. (10)
- Q.4 Basic principles of microvascular surgery. (10)
- Q.5 Facelift procedures - indications, technique, complications. (10)
- Q.6 Distraction osteogenesis for mandibular deficiency (10)
- Q.7 Zygomatic implants. (10)

\*\*\*\*\*

M.D.S. PART-II (2018 COURSE) (ORAL AND MAXILLOFACIAL SURGER) : SUMMER - 2022  
SUBJECT : PAPER - III - ESSAY

Day : Wednesday

Time : 09:00 AM-12:00 PM

Date : 7/9/2022

S-20250-2022

Max. Marks : 100

N.B.

- 1) Answer any **TWO**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Q.1 Keratocystic odontogenic tumour (KCOT) – treatment modalities (50)

Q.2 Oral submucous fibrosis – surgical management (50)

Q.3 Pan facial trauma – sequencing philosophies (50)

\*\*\*\*\*

**M.D.S. ORAL & MAXILLO-FACIAL SURGERY : SUMMER -**

**2018**

**SUBJECT: ORAL & MAXILLOFACIAL SURGERY**

**PAPER – IV: ESSAY**

Day: **Friday**  
Date: **15/06/2018**

**S-2018-3610**

Time: **09.00 AM TO 12.00 NOON**  
Max. Marks: 75

---

**N.B.:**

- 1) Answer any **ONE**.
  - 2) Figures to the right indicate **FULL** marks.
  - 4) Draw neat labelled diagrams **WHEREVER** necessary.
- 

**Q.1** Controversies in Maxillofacial Trauma. **(75)**

**OR**

**Q.2** Role of Flaps in Maxillofacial Surgery. **(75)**

\* \* \* \*

150618-m-dental-pune



**M.D.S. Oral & Maxillo-facial Surgery : SUMMER - 2019**  
**SUBJECT: PAPER – III: MAXILLOFACIAL SURGERY & ORAL IMPLANTOLOGY**

Day: Thursday  
Date: 06/06/2019

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 75

S-2019-4066

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1 Discuss staging of salivary gland tumours. Discuss techniques/ methods to avoid injury to the facial nerve during superficial parotidectomy. (20)
- Q.2 Describe in detail the indications, technique and complications of Le Fort I osteotomy. Add a note on the modifications of this osteotomy to address asymmetry and paranasal hypoplasia. (20)

**Short Essay Questions:**

- Q.3 Recurrent dislocation- aetiology and management options. (07)
- Q.4 Cryosurgery- uses in OMFS and limitations. (07)
- Q.5 Giant cell lesions- classification and treatment outline. (07)
- Q.6 Failures of dental implants- causes and prevention. (07)
- Q.7 Treatment outline for squamous cell carcinoma of lip. (07)

\* \* \* \*

**M.D.S. Oral & Maxillo-facial Surgery : SUMMER - 2019**  
**SUBJECT: PAPER – II: MINOR ORAL SURGERY & TRAUMA**

Day: Monday  
Date: 03/06/2019

**S-2019-4065**

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Discuss in detail the surgical anatomy of the submandibular space. How would you proceed to investigate and manage a case of Ludwig's Angina? (20)
- Q.2** Discuss the muscular forces acting at the mandibular angle region. Describe using diagrams and their rationale various fixation options for a displaced fracture at the angle of mandible. (20)

**Short Essay Questions:**

- Q.3** Tracheostomy- indications, procedure and complications. (07)
- Q.4** Preoperative evaluation and preparation prior to placement of a dental implant in the posterior maxilla. (07)
- Q.5** Describe using diagrams the procedure of Caldwell- Luc surgery/ approach. (07)
- Q.6** Special considerations in treatment of fractures of the mandible in paediatric and geriatric age groups. (07)
- Q.7** Enumerate the various materials that can be used to reconstruct the orbital floor. Describe any one surgical technique to gain access to the orbital floor. (07)

\* \* \* \*

**M.D.S. Oral & Maxillo-facial Surgery : SUMMER - 2019**  
**SUBJECT: PAPER – I: APPLIED ANATOMY, PHYSIOLOGY AND PATHOLOGY**

Day: Saturday  
Date: 01/06/2019

S-2019-4064

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1 Discuss in detail the surgical anatomy of the parotid gland and associated structures with reference to superficial parotidectomy. (20)
- Q.2 Describe the extracranial course of the facial nerve. Discuss various techniques to prevent injury to this nerve during maxillofacial surgical procedures. (20)

**Short Essay Questions:**

- Q.3 Culture and sensitivity test- method and use in oral and maxillofacial infections. (07)
- Q.4 Discuss the healing of fractures with reference to the various stages of the healing process and cellular processes during these stages. (07)
- Q.5 Discuss the anatomy of temporalis muscle. Describe using diagrams the anatomic basis of temporalis flap. (07)
- Q.6 Describe using diagrams the anatomy of normal lip. Describe any one surgical technique for the management unilateral cleft lip. (07)
- Q.7 Describe using diagrams the anatomy of the iliac crest. Describe any one technique to obtain a corticocancellous bone graft from the iliac crest for mandibular reconstruction. (07)

\* \* \* \*



**M.D.S. PART – I (2018 COURSE) (ORAL & MAXILLOFACIAL SURGERY) SUMMER : 2019**  
**SUBJECT : BASIC SCIENCES**

Day : Friday  
Date : 28/06/2019

**S-2019-4088-B**

Time : 09.00 AM TO 12.00 NOON  
Max.Marks : 100

**N.B.**

- 1) All questions are COMPULSORY.
- 2) Answer each question on new page.
- 3) Draw neat labelled diagrams wherever necessary.

---

Q.1	Surgical anatomy of Orbit	10
Q.2	Blood transfusion	10
Q.3	Management of Airway	10
Q.4	Immunity	10
Q.5	Different sampling methods in research methodology	10
Q.6	Role of steroids in maxillofacial surgery	10
Q.7	Pathways of Pain	10
Q.8	Development of Face	10
Q.9	Discuss in detail the inflammation cascade	10
Q.10	Hyperparathyroidism	10

\* \* \* \*

---

**M.D.S. Oral & Maxillo-facial Surgery : SUMMER - 2019**  
**SUBJECT: PAPER – IV: ESSAY**

Day: Saturday  
Date: 08/06/2019

**S-2019-4067**

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 75

**N.B.:**

- 1) Answer any **ONE**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Q.1** Critical care of the maxillofacial trauma patient. (75)

**OR**

**Q.2** Flaps in Oral and Maxillofacial Surgery. (75)

\* \* \* \*



**M.D.S. (ORAL & MAXILLOFACIAL SURGERY): SUMMER - 2020**  
**SUBJECT: PAPER - I: APPLIED ANATOMY, PHYSIOLOGY AND PATHOLOGY**

Day: Thursday  
Date: 3-9-2020

5-2020-7380

Time: 9:00 AM To 12:00  
Max. Marks: 75 P.M.

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Enumerate Coagulation factors, write in detail about coagulation mechanism (20)  
(intrinsic and extrinsic pathway)
- Q.2** Discuss the importance of fluid and electrolyte balance in major maxillofacial (20)  
procedures.

**Short Essay Questions:**

- Q.3** Intubation techniques for general anaesthesia. (07)
- Q.4** Enumerate the hormones secreted by the pituitary gland. Add a note on (07)  
'feedback mechanism' for hormonal balance.
- Q.5** Hepatitis B- modes of transmission, carrier state, prophylaxis. (07)
- Q.6** Discuss the anatomy of scalp. Describe using diagrams the anatomic basis of (07)  
forehead flap.
- Q.7** Describe using diagrams the anatomy of normal and cleft lip. Describe any one (07)  
techniques for the management of unilateral complete cleft lip.

**M.D.S. PART – I (2018 COURSE) (ORAL & MAXILLOFACIAL SURGERY) SUMMER : 2020**  
**SUBJECT : BASIC SCIENCES**

Day : Friday

Date : 11-9-2020

S. 2020 - 20247

Time : 9.00 A.M. To 12.00

Max.Marks : 100

P.M

**N.B.**

- 1) All questions are COMPULSORY.
- 2) Answer each question on new page.
- 3) Draw neat labelled diagrams wherever necessary.

Q.1	Discuss various pharyngeal arches and their significance in detail	10
Q.2	ECA (External Carotid Artery) ligation	10
Q.3	Fibrinolytic system	10
Q.4	Role of Vitamins in Coagulation	10
Q.5	Deglutition	10
Q.6	Management of HIV patients for minor oral surgery	10
Q.7	Pathways of Pain	10
Q.8	Surgical anatomy of TMJ	10
Q.9	Complete haemogram	10
Q.10	Syndromes affecting maxillofacial region	10

\* \* \* \*

**M.D.S. (ORAL & MAXILLOFACIAL SURGERY): SUMMER - 2020**  
**SUBJECT: PAPER - III: MAXILLOFACIAL SURGERY & ORAL IMPLANTOLOGY**

Day: Monday  
Date: 7-9-2020

S-2020-7382

Time: 9.00 A.M To 12.00 A  
Max. Marks: 75 P.M

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Essay Questions:**

- Q.1** Discuss the evaluation, orthodontic considerations, presurgical planning and surgical management for a patient with severe vertical maxillary excess. (20)
- Q.2** How will you proceed to evaluate a swelling in the submandibular region? (20)  
Describe your technique to manage a pleomorphic adenoma of the deep lobe of the submandibular gland.

**Short Essay Questions:**

- Q.3** Use of implants for facial reconstruction (ear/ nose/ orbit) – technique only. (07)
- Q.4** Costochondral graft in the management of Temporomandibular joint ankyloses. (07)
- Q.5** Pectoralis major myocutaneous (PMMC) flap- indications and technique. (07)
- Q.6** Buccal fat pad in the management of oral submucous fibrosis (07)
- Q.7** Management of Odontogenic Keratocyst. (07)

M.D.S. (ORAL & MAXILLOFACIAL SURGERY): SUMMER - 2020  
SUBJECT: PAPER - IV: ESSAY

Day: Wednesday  
Date: 9-9-2020

S. 2020-7363

Time: 9:00 A.M To 12:00  
Max. Marks: 75 P.M

N.B.:

- 1) Answer any **ONE**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

Q.1 Odontogenic tumours of the jaws.

(75)

OR

Q.2 Distraction Osteogenesis.

(75)

\* \* \* \*



**M. D. S. PART-I (2018 COURSE)**  
**(ORAL & MAXILLOFACIAL SURGERY): SUMMER-2021**  
**SUBJECT: BASIC SCIENCES**

**Day:** Monday  
**Date:** 06-09-2021

**S-20247-2021**

**Time:** 09:00 AM-12:00 PM  
**Max. Marks:** 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Draw neat labeled diagrams **WHEREVER** necessary.
- 3) Each question carries **10** marks.

- Q.1** Systematic Airway management.
- Q.2** Salivary glands and their significance.
- Q.3** Fluid and electrolyte balance in postoperative surgical patient.
- Q.4** Theories of PAIN.
- Q.5** Anaphylaxis.
- Q.6** Deglutition and dysphagia.
- Q.7** Blood investigations for oral surgical patient.
- Q.8** Development of maxilla.
- Q.9** Role of blood transfusion in maxillofacial surgery.
- Q.10** Surgical anatomy of TMJ.

\* \* \* \* \*



**M.D.S. PART-II (2018 COURSE) (ORAL AND MAXILLOFACIAL SURGERY) : SUMMER 2021**  
**SUBJECT : PAPER – I**

**Day** Tuesday  
**Date** 07-09-2021

**S-20248-2021**

**Time** 09:00 AM-12:00 PM  
**Max. Marks : 100**

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

**SECTION – I**

- Q.1** Discuss the terms 'non-union' and 'malunion' with regard to facial fractures. How (25)  
will you evaluate and treat a case of malunited Le Fort II fracture?
- Q.2** Describe using diagrams the relationships of the various fascial spaces of the (25)  
neck. Discuss the management of deep neck infections in detail.

**SECTION – II**

- Q.3** Zygomatic implants – case evaluation and surgical technique. (10)
- Q.4** Functional endoscopic sinus surgery – FESS – Types and technique. (10)
- Q.5** Facial scars – evaluation and outline of management. (10)
- Q.6** Decision making in impacted maxillary canines – orthodontic repositioning or (10)  
surgical removal.
- Q.7** Cerebrospinal fluid rhinorrhoea – aetiology, clinical features, diagnosis and (10)  
management.

\*\*\*\*\*

**M. D. S. PART-II (2018 COURSE) (PERIODONTOLOGY): SUMMER-2021**  
**SUBJECT: PAPER-II PERIODONTAL DIAGNOSIS, THERAPY AND ORAL**  
**IMPLANTOLOGY**

**Day:** Thursday  
**Date:** 09-09-2021

**Time:** 09:00 AM-12:00 PM  
**Max. Marks:** 100

**S-20249-2021**

**N.B.:**

- 1) Answer all questions.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labelled diagrams **WHEREVER** necessary.

**Long Essay Questions**

( 2 x 25 = 50)

- Q.1** Explain the role of chlorhexidine in periodontal therapy.
- Q.2** Enumerate the various surgical procedures used for root coverage and describe any two procedures in detail.

**Short Essay Questions:**

(5 x 10 = 50)

- Q.3** Describe the use of electrosurgery in periodontal therapy.
- Q.4** Explain the factors determining the prognosis.
- Q.5** Write a note on 'Management of Implant failure'.
- Q.6** Explain the various types of grafts used in periodontal therapy.
- Q.7** Write a note on 'Desensitizing agents'.

\* \* \* \* \*

**M.D.S. PART-II (2018 COURSE) (ORAL AND MAXILLOFACIAL SURGER) : SUMMER 2021**  
**SUBJECT : PAPER – III - ESSAY**

**Day** Saturday  
**Date** 11-09-2021

**S-20250-2021**

**Time** 09:00 AM-12:00 PM  
**Max. Marks : 100**

**N.B.**

- 1) Answer any **TWO**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

**Q.1** Complications in Orthognathic surgery. (50)

**Q.2** Diseases of Salivary glands. (50)

**Q.3** Access Osteotomies. (50)

\*\*\*\*\*