

**BHIMGAD: APRIL/MAY 2010**  
**SUBJECT: ORAL AND MAXILLOFACIAL SURGERY**  
**PAPER – I: APPLIED BASIC SCIENCE**  
**(Applied Anatomy, Physiology, Biochemistry, General and Oral Pathology and**  
**Microbiology & Pharmacology)**

Day : Thursday  
Date : 20-05-2010

Time : 9:00AM TO 12:00NOON  
Max. Marks : 100

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Draw diagrams **WHEREVER** necessary.

**Long Essay Question: (2 x 20)**

Q.1 Discuss in detail the surgical anatomy of the triangles of the neck and associated structures with reference to neck dissection for oral squamous cell carcinoma.

Q.2 Discuss the anatomy of scalp. Discuss in detail about various flaps from scalp region used in Oral and Maxillofacial surgery.

**Short Essay Question: (6 x 10)**

Q.3 External Carotid Artery ligation - Indications and techniques

Q.4 Blood transfusion – indications, protocol and management of common complications.

Q.5 Extra ocular muscles of the orbit - surgical anatomy and importance in maxillofacial trauma.

Q.6 Antibiotics - Classify antibiotics. Discuss in brief the mode of actions of various antibiotic groups. Add a note on the rationale for selection of an antibiotic/s in oral and maxillofacial infections.

Q.7 Discuss the healing of fractures with reference to the various stages of the healing process and cellular processes during these stages.

Q.8 Maxillary sinus - Describe the anatomy of the maxillary sinus. Present an outline for the management of mucormycosis involving the maxillary sinus. Add a brief note on anti-fungal agents.

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**SUBJECT: ORAL AND MAXILLOFACIAL SURGERY**  
**PAPER – II: MINOR ORAL SURGERY AND TRAUMA**

Day : *Saturday*  
Date : *22-05-2010*

Time : *9:00 AM TO 12:00 NOON*  
Max. Marks: 100

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Draw diagrams **WHEREVER** necessary.
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**Short Essay Question: (5 x 20)**

- Q.1 Discuss the causes and clinical features of oro-antral fistula. Describe the merits and demerits of various surgical procedures used to close oro-antral fistulae.
- Q.2 Describe the surgical anatomy of orbit. Describe briefly various approaches and reconstruction options for defects of the orbital floor.
- Q.3 Describe osseointegration of dental implants. Describe techniques to prevent injury to inferior alveolar nerve during placement of implants in the mandibular posterior region.
- Q.4 Discuss in detail the surgical anatomy of the lateral pharyngeal space. How would you proceed to investigate and manage a case of odontogenic infection involving the lateral pharyngeal space?
- Q.5 Classify fractures of the mandibular condyle. Discuss your method of clinical and radiographic evaluation and surgical management of a patient with displaced bilateral condylar neck fracture.

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**BHIMGAD : APRIL/MAY 2010**  
**SUBJECT : ORAL AND MAXILLOFACIAL SURGERY**  
**PAPER – III : MAXILLOFACIAL SURGERY**

Day : Monday  
Date : 24-05-2010

Time : 9:00 AM TO 12:00 NOON  
Max. Marks : 100

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Draw diagrams **WHEREVER** necessary.
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**Short Essay Question: (5 x 20)**

- Q.1 Discuss the evaluation, treatment planning and surgical procedures for the management of vertical maxillary excess (VME).
- Q.2 Classify mandibular defects. Discuss in detail principles and options for reconstruction of mandibular defects.
- Q.3 Classify Fibro-osseous lesions of Head Face and Neck region. Discuss in detail the treatment of monostotic fibrous dysplasia.
- Q.4 Discuss the evaluation and comprehensive surgical management of an 18 year old patient with untreated bilateral bony ankylosis since the age of eight.
- Q.5 Classify cleft palate. Discuss evaluation and management of velopharyngeal incompetence.

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**BHIMGAD : APRIL/MAY 2010**  
**SUBJECT: ORAL AND MAXILLOFACIAL SURGERY**  
**PAPER - IV : ESSAY**

Day : *Wednesday*  
Date : *26-05-2010*

Time : *9:00 AM TO 12:00 NOON*  
Max. Marks : 100

**N.B.**

- 1) Answer any **ONE**.
- 2) Draw diagrams **WHEREVER** necessary.

**Essay Question: (1 x 100)**

Q.1 Resuscitation, critical care and organ failure in maxillofacial trauma.

**OR**

Q.1 Soft tissue reconstruction of the head, face and neck region.

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