

MANIPAL UNIVERSITY**MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2012****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY,
PHYSIOLOGY, BIOCHEMISTRY, GENERAL AND ORAL PATHOLOGY AND
MICROBIOLOGY AND PHARMACOLOGY**

Monday, April 09, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Classify Lymphatics. Discuss in detail anatomy, histology and role of lymphatics in spread of oral malignancies.

(20 marks)

2. Cellular changes in radiation injuries and its manifestations.

(20 marks)

3. Short answer:

3A. Nerve supply of salivary glands.

3B. Red blood cells.

3C. Calcium metabolism.

3D. Thrombus.

3E. Carotid triangle.

(7×5 = 35 marks)



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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II – MINOR ORAL SURGERY AND TRAUMA

Tuesday, April 10, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Vasoconstrictors and local anesthesia.

(20 marks)

2. Anatomy of bony orbit. Enumerate the signs and symptoms and management of orbital blow out fracture.

(20 marks)

3. **Short answer:**

3A. Langer's lines.

3B. Pterygomandibular space and its clinical implications.

3C. Tracheostomy.

3D. Frey's syndrome.

3E. Hyperventilation.

(7×5 = 35 marks)



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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER III – MAXILLOFACIAL SURGERY

Wednesday, April 11, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Write Essay on:**

1. Classify salivary gland tumors. Discuss in detail the surgical management of pleomorphic adenoma of the parotid gland.

(20 marks)

2. Classify nerve injuries and discuss in detail the techniques of nerve repair.

(20 marks)

3. Short answers:

3A. Genioplasty.

3B. Incisions used for Neck dissecting.

3C. Nasolabial flap.

3D. Craniopharyngioma.

3E. Interpositional arthroplasty.

(7×5 = 35 marks)



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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER IV: ESSAY

Thursday, April 12, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

✍ Answer any one:

Photodynamic therapy

OR

Craniofacial Anomalies

