

MANIPAL UNIVERSITY**MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, BIOCHEMISTRY, GENERAL AND ORAL PATHOLOGY AND MICROBIOLOGY AND PHARMACOLOGY**

Monday, April 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

☞ **Answer ALL the questions.**

☞ **Long Essays:**

1. Discuss the main branches of the External Carotid artery. Add a note on its ligation
2. Discuss the anatomy of the orbit

(20+20 = 40 marks)

3. **Write short notes on:**

- 3A. Lymphatic drainage of the tongue
- 3B. Fluids and electrolytes
- 3C. Hypotensive anesthesia
- 3D. Principles of antibiotic therapy
- 3E. Biopsy

(7 marks × 5 = 35 marks)



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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER II – MINOR ORAL SURGERY AND TRAUMA

Tuesday, April 07, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

☞ Answer ALL the questions.

☞ Long Essays:

1. Define conscious sedation. Explain in detail the different techniques of sedation with the various drugs used with their attendant complication in relevance to maxillofacial surgery.
2. Management of a case of mal union in the mandibular angle fracture.

(20+20 = 40 marks)

3. Write short notes on:

- 3A. Management of OSMF
- 3B. Antibiotics prophylaxis
- 3C. Retrograde intubations
- 3D. Legal aspects of GA
- 3E. Enophthalmos

(7 marks × 5 = 35 marks)



Reg. No.

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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER III – MAXILLOFACIAL SURGERY

Wednesday, April 08, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

☞ Answer ALL the questions.

☞ Long Essays:

1. Discuss the Le Fort I maxillary osteotomy and its modifications
2. Discuss the surgical management of carcinoma of lower alveolus

(20+20 = 40 marks)

3. Short notes:

- 3A. Assessment of edentulous patient
- 3B. Alveolar bone grafting
- 3C. Nerve injuries
- 3D. Reconstruction of maxilla
- 3E. Micrognathia

(7 marks × 5 = 35 marks)



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MDS (ORAL AND MAXILLOFACIAL SURGERY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER IV: ESSAY

Thursday, April 09, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Long Essay:**

1. Distraction osteogenesis in maxillofacial surgery.

OR

2. Bone substitutes in maxillofacial reconstruction.

(75 marks)

