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## MANIPAL UNIVERSITY

### FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2014

#### SUBJECT: ORAL AND MAXILLOFACIAL SURGERY (ESSAY) (NEW REGULATION)

Friday, December 26, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

**✍ Write essay on:**

1. Classify the impacted mandibular third molar. Write in detail about the radiological assessment in relation to the surgical removal of lower third molar.
2. Define a fracture. Classify mandibular angle fractures. Write a detailed note on treatment of unfavourable mandibular angle fracture.

(10 marks × 2 = 20 marks)

**3. Write short notes on:**

- 3A. Classify suture materials. Write about the properties, indications, advantages and disadvantages of silk suture material.
- 3B. Describe the operative technique for the removal of root from the maxillary sinus.
- 3C. Elaborate on the etiology, signs and symptoms and treatment of submandibular space infection.
- 3D. Endocarditis antibiotic prophylactic regimen
- 3E. Genioplasty procedures
- 3F. Incidence, etiology, features, treatment and prognosis of unicystic ameloblastoma
- 3G. Sialolithiasis
- 3H. Medical emergency kit in the dental office
- 3I. Treatment of unilateral mandibular tori
- 3J. Clinical features of bilateral temporomandibular joint ankylosis

(4 marks × 10 = 40 marks)



**MANIPAL UNIVERSITY****FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2014****SUBJECT: ORAL AND MAXILLOFACIAL SURGERY (ESSAY)  
(OLD REGULATION)**

Friday, December 26, 2014

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

1. Classify mandibular condylar fractures. Describe the clinical features, radiographic evaluation and management techniques of unilateral condylar fracture.

(10 marks)

2. **Write short notes on:**

- 2A. Genioplasty
- 2B. Syncope-diagnosis and management
- 2C. Sialolith
- 2D. Spread of infection from mandibular third molar
- 2E. Classical technique of Inferior alveolar nerve block
- 2F. Oro-antral communication
- 2G. Odontogenic Keratocystic Tumour
- 2H. Classification and staging of oral cancer
- 2I. Ludwig's angina
- 2J. Post extraction complication

(5 marks × 10 = 50 marks)

3. **Write short answers:**

- 3A. Guerin's sign in midface trauma
- 3B. Boundaries and contents of canine space
- 3C. Hilton's method
- 3D. Define Local Anaesthesia
- 3E. Frenectomy
- 3F. Classification of Impacted Maxillary canine
- 3G. Post extraction instructions
- 3H. Mention complications in Posterior superior alveolar nerve block
- 3I. Gillie's approach
- 3J. Classification of odontogenic cysts

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY****FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2014****SUBJECT: CONSERVATIVE DENTISTRY AND ENDODONTICS (ESSAY)  
(NEW REGULATION)**

Saturday, December 27, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ Answer ALL questions precisely.
- ✍ Draw diagrams and flow charts wherever required.

1. Mention the objectives of access cavity preparation. Describe the procedure of access cavity preparation in maxillary central incisor. Add a note on iatrogenic perforations caused during access cavity preparation.
2. Classify dental burs. Give detail on bur head design. Mention the factors affecting the cutting efficiency of dental bur.

(10 marks × 2 = 20 marks)

**3. Write short notes on:**

- 3A. Classification of dental ceramics
- 3B. List of different methods for pulp vitality testing. Add a note on electric pulp testing.
- 3C. Effects of polymerization shrinkage of composite resin and methods to reduce it.
- 3D. Steps to reduce mercury exposure in dental clinic
- 3E. Classification of periradicular diseases. Add a note on phoenix abscess
- 3F. Definition of resistance form and features of resistance form
- 3G. Classification of endodontic posts. Mention the advantages and disadvantages of custom cast metal post and core.
- 3H. Uses and mechanism of action of ultrasonics in endodontics.
- 3I. Management of a patient with avulsed tooth.
- 3J. Indications, contraindications and clinical technique of indirect pulp capping.

(4 marks × 10 = 40 marks)



## MANIPAL UNIVERSITY

FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2014  
SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)  
(OLD REGULATION)

Saturday, December 27, 2014

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

- ✍ Answer ALL the questions precisely.  
✍ Draw diagrams and flow charts wherever required.

1. Enumerate the stages and steps in class II amalgam cavity preparation. Explain resistance and retention forms.

(10 marks)

2. Write Short Answers:

- 2A. Hydrodynamic theory  
2B. Sodium hypochlorite accident  
2C. Diagrammatic representation of the root apex  
2D. Root end filling materials  
2E. Techniques of wedging  
2F. Management of root fractures  
2G. Cervical root resorption  
2H. Sharpening of hand instruments  
2I. Ingle's method of working length determination  
2J. Sprue former

(5 marks × 10 = 50 marks)

3. Write Short Notes:

- 3A. Mechanical trituration  
3B. Gingival retraction cords  
3C. Prefabricated metal post  
3D. Inlay taper  
3E. Balanced force technique  
3F. Amalgam blue  
3G. MTAD  
3H. K file  
3I. Pulp polyp  
3J. Remaining dentin thickness

(2 marks × 10 = 20 marks)

