

MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – JULY 2015****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)
(OLD REGULATION)**

Monday, July 13, 2015

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

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

1. Classify class II cavity designs. Describe the steps involved and features of a class II amalgam cavity preparation on a maxillary first molar.

(10 marks)

2. **Write short answers:**

- 2A. Gingival margin trimmers.
2B. Indications and contraindications for cast metal restorations.
2C. Advantages and disadvantages of rubber dam.
2D. Methods and uses of teeth separation.
2E. Steps involved in class IV composite restoration.
2F. Write the composition, advantages and disadvantages of Nickel –Titanium files.
2G. Write on the management of avulsed tooth.
2H. Classify root canal irrigants. Add a note on sodium hypochlorite.
2I. Classify and write on various flap designs for periapical surgeries.
2J. Classify endodontic instruments. Add a note on H-files.

(5 marks × 10 = 50 marks)

3. **Write short notes:**

- 3A. Classification of bevels
3B. Any two classifications of dental burs
3C. Classify pins for amalgam restoration
3D. Axio-pulpal line angle
3E. Spoon excavator
3F. Mention four uses of Ca(OH)₂ in endodontics
3G. Classify endodontic posts
3H. Composition of gutta-percha points
3I. Etiology and clinical features of reversible pulpitis
3J. Cortical trephination

(2 marks × 10 = 20 marks)



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Monday, July 13, 2015

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions precisely.**

✍ **Draw diagrams and flow charts wherever required.**

1. Define dentinal hyper sensitivity. Discuss etiology and management of dentinal hyper sensitivity.

(10 marks)

2. Classify traumatic Injuries. Discuss avulsion and its management.

(10 marks)

3. **Write short notes on:**

3A. Cemented pins

3B. Ingle's method of working length determination

3C. Classify diseases of the pulp. Add a note on reversible pulpitis

3D. Classification and ideal properties of root canal sealers

3E. Differences between amalgam and inlay cavity preparation

3F. Standardization of endodontic instruments

3G. Balanced force technique of root canal preparation

3H. Mercury hygiene in dental clinic

3I. Definition, indications and contraindications of inlay

3J. Classify hand cutting instruments. Add a note on Gingival Marginal Trimmer

(4 marks × 10 = 40 marks)

