

MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2012****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)
(OLD REGULATION)**

Saturday, December 15, 2012

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

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

1. Classify dentin bonding agents. Explain in detail the formation of the hybrid layer.

(10 marks)

2. **Write notes on:**

- 2A. What is a reverse curve in a class II cavity? Mention its use.
2B. Internal anatomy of the maxillary first molar
2C. Single visit endodontics
2D. Advantages of GIC
2E. Consequences of marginal ridge incompatibility
2F. Vitality tests
2G. Classify wedges and give their uses
2H. Hemisection
2I. Crown down preparation
2J. Isolation of the operating field

(5 × 10 = 50 marks)

3. **Write short notes on:**

- 3A. Fish's zones
3B. RVG
3C. Apex locator
3D. GMT
3E. Mylar strip
3F. Dovetail
3G. Peeso reamers
3H. Standard precautions
3I. EDTA
3J. Galium alloys

(2 × 10 = 20 marks)



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(NEW REGULATION)**

Saturday, December 15, 2012

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions precisely.**

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

1. Describe indications and contraindications of amalgam restorations. Write in detail on the preparation of class II cavities for amalgam on maxillary molars.

(10 marks)

2. Classify endodontic obturation techniques. Write in detail on lateral compaction technique.

(10 marks)

3. **Write short notes on:**

3A. Advantages and disadvantages of resin composites

3B. Steps involved in rubber dam placement

3C. Features and design of excavators

3D. Steps involved in crown down technique

3E. Clinical features and management of irreversible pulpitis

3F. Designs of Class III tooth preparation for composite resins

3G. Tofflemire matrix retainer

3H. Role of radiographs in endodontic diagnosis

3I. Management of avulsed tooth

3J. Classification and composition of glass ionomer cements

(4×10 = 40 marks)

