

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

Saturday, July 12, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

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

1. Classify composite resins. Write in detail the composition, advantages and disadvantages of composite resins.

(10 marks)
2. Enumerate the various endodontic mishaps. Mention the etiology, management and prevention of instrument separation.

(10 marks)
3. **Write short notes on:**
 - 3A. Advantages and disadvantages of glass ionomer cement
 - 3B. Etiology, clinical features and management of abfraction
 - 3C. Reasons for tooth separation and various methods used for it
 - 3D. Differences between infected and affected dentin
 - 3E. Definition of bevel and the types of bevel
 - 3F. Differences between reversible and irreversible pulpitis
 - 3G. Advantages and disadvantages of ultrahigh speed rotary cutting instruments
 - 3H. Composition and uses of MTA
 - 3I. Etiology, diagnosis and management of cracked tooth syndrome
 - 3J. Indications and contraindications of endodontic surgery

(4 marks × 10 = 40 marks)

MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – JULY 2014****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)
(OLD REGULATION)**

Saturday, July 12, 2014

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

1. Classify obturating techniques. What are the objectives and significance of obturating the root canal system? Add a note on lateral condensation technique.

(10 marks)

2. **Write short notes on:**

- 2A. Detection of dental caries
- 2B. Spoon excavators
- 2C. Zinc polycarboxylate cement
- 2D. Retention form in cavity preparations
- 2E. Cavity designs for composite restorations
- 2F. Management of dentinal hypersensitivity
- 2G. Acute alveolar abscess
- 2H. Avulsed tooth
- 2I. Matrix bleaching
- 2J. Errors in access cavity preparations

(5 marks × 10 = 50 marks)

3. **Write briefly on:**

- 3A. Zygmondy- Palmer system
- 3B. Enameloplasty- Definition and indications
- 3C. Wedging techniques
- 3D. Burnishing of amalgam restoration
- 3E. Suck back porosity
- 3F. Silver points
- 3G. Functions of root canal irrigants
- 3H. PBSC paste
- 3I. Sequel of root fracture
- 3J. Functions of root canal sealers

(2 marks × 10 = 20 marks)