

MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – JANUARY 2010****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Tuesday, January 05, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL questions.**✍ **Draw diagrams and flowcharts where applicable.**

1. A 35 year old female patient reports to you with an intermittently painful lower left first molar that has been bothering her for the past one month. Describe in detail your management algorithm for this patient with suitable justifications.

(10 marks)

2. Write short notes on:

- 2A. Intra canal medicaments.
- 2B. Precautions in a dental office to prevent mercury hazard.
- 2C. Minimal Intervention Dentistry.
- 2D. Objectives of an ideal access preparation.
- 2E. Evaluation of pulp vitality.
- 2F. Design features of a tungsten carbide bur.
- 2G. Management of a fragmented instrument in the root canal.
- 2H. Aetiology of dental caries.
- 2I. Indirect esthetic restorations for a maxillary central incisor.
- 2J. Enhancing retention for amalgam restorations.

(5×10 = 50 marks)

3. Write briefly on:

- 3A. Root end restorations.
- 3B. Sectional matrix.
- 3C. Cracked tooth syndrome.
- 3D. Electronic apex locators.
- 3E. Types of post endodontic restorations & their indications.
- 3F. Gutta percha.
- 3G. Functions of fillers in a composite.
- 3H. ISO classification of endodontic instruments.
- 3I. Self threaded pins.
- 3J. Various methods of isolation.

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – MARCH 2010****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Saturday, March 06, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

- ✍ **Answer ALL questions.**
✍ **Draw diagrams and flowcharts where applicable.**

1. Classify luxation injuries. Discuss avulsion and its management.

(10 marks)

2. Short Notes:

- 2A. Nickel – titanium instruments.
2B. Apex locators.
2C. Radiography in endodontics.
2D. Retrieval of separated instruments.
2E. Zones of dentinal caries.
2F. Hazards of high speed cutting.
2G. Tooth preparation for class IV composite restoration.
2H. Ceramic veneers.
2I. Mercury toxicity and its management.
2J. Phosphate bonded investments.

(5×10 = 50 marks)

3. Short Answers:

- 3A. Casting shrinkage.
3B. Eutectic alloys.
3C. Intrapulpal anesthesia.
3D. EDTA.
3E. Sonic length.
3F. Watch wind.
3G. Tug back.
3H. Enamel hatchet.
3I. Abfraction.
3J. Reverse curve.

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – JULY 2010****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Saturday, July 10, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions precisely.

✍ Draw diagrams and flow charts wherever required.

1. Describe the infection control protocols in the dental clinics in detail, add a note on sterilization of instruments.

(10 marks)

2. **Write notes on:**

- 2A. Building up proximal contacts.
- 2B. Hand cutting instruments.
- 2C. Indications and contraindications for cast gold restorations.
- 2D. Cavity designs for anterior esthetic restorations.
- 2E. Prevention of procedural accidents.
- 2F. Apexification and Apexogenesis.
- 2G. Root canal irrigants.
- 2H. Ingle's method.
- 2I. Culture in Endodontics.
- 2J. Trephination.

(5×10 = 50 marks)

3. **Write short notes on:**

- 3A. Universal matrix.
- 3B. Shade selection for esthetic restorations.
- 3C. Primary retentive forms.
- 3D. Excavators.
- 3E. Sectional obturation technique.
- 3F. Smear layer.
- 3G. Acid etching.
- 3H. Pink tooth.
- 3I. Cracked tooth syndrome.
- 3J. H-file.

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – SEPTEMBER 2010****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Tuesday, September 14, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

✍ Essay:

1. Classify methods of isolation. Discuss components, advantages, disadvantages and mode of applying rubber dam.

(10 marks)

2. Short notes:

- 2A. Radicular cyst.
2B. Indications and contraindications for endo surgeries.
2C. Internal anatomy of maxillary central incisor.
2D. Root fractures and its management.
2E. Step back method.
2F. Amalgam v/s Inlay class II cavities.
2G. Advantages and disadvantages of direct gold filling.
2H. Cavity designs for composite restorations.
2I. Amalgamation reaction of high copper amalgam.
2J. Gingival retraction cords.

(5×10 = 50 marks)

3. Short answers:

- 3A. Tarnish and corrosion.
3B. Subluxation.
3C. Cvek pulpotomy.
3D. Lentulospirals.
3E. Apical scar.
3F. Affected dentin.
3G. Rake angle.
3H. Link plus pins.
3I. Glaze.
3J. Slip-cast method.

(2×10 = 20 marks)

