

MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – JULY 2007****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Friday, July 06, 2007

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

✍ **Answer ALL the questions.**

1. Describe the anatomical landmarks at the root apex. Classify the methods to determine working length. Add a note on apex locators.

(10×1 = 10 marks)

2. Write short notes on:

- 2A. Flap designs for periapical surgeries.
2B. Cavity designs for class II composite restoration.
2C. Classify casting defects. Add a note on casting porosities.
2D. Composition of GIC. Add a note on sandwich technique.
2E. Classify endodontic mishaps. Briefly describe clinical features and management of hypochlorite accident.
2F. Classify hand instruments. Add a note on instruments with four digit instrument formula.
2G. Enumerate vitality tests. Discuss electric pulp testing and thermal tests in detail.
2H. Classify gingival retraction methods. Briefly describe parts of rubber dam.
2I. Classify direct filling gold. Discuss the various cavity designs for DFG.
2J. Discuss in detail diagnosis and management of acute apical periodontitis.

(5×10 = 50 marks)

3. Write briefly on:

- 3A. Balanced force technique.
3B. Theories of hypersensitivity.
3C. Bevels and flares.
3D. Acute alveolar abscess.
3E. Wedging techniques.
3F. Mercury free amalgams.
3G. Thermo plasticized obturation techniques.
3H. Walking bleach technique.
3I. Management root fractures.
3J. Methods to overcome polymerization shrinkage.

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – SEPTEMBER 2007****SUBJECT: CONSERVATIVE DENTISTRY INCLUDING ENDODONTICS (ESSAY)**

Saturday, September 22, 2007

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

✍ Answer ALL the questions.**✍ Essay:**

1. Define operative dentistry. Discuss the objectives, patient examination and treatment planning in operative dentistry.

(10 marks)

2. Write Short Notes:

- 2A. Features and factors of primary resistance form.
2B. Gingival margin trimmers.
2C. Pain control in operative dentistry.
2D. Irreversible pulpitis.
2E. Apexification.
2F. Thermoplasticised gutta percha.
2G. Walking bleach.
2H. Internal resorption.
2I. Hot salt and glass bead sterilizer.
2J. Resin modified GIC.

(5×10 = 50 marks)

3. Write Short Answers:

- 3A. Metamerism.
3B. Leucite.
3C. Creep.
3D. Smear layer.
3E. Erosion.
3F. Automatrix.
3G. Retentive locks.
3H. Reverse bevel.
3I. Cone angle taper.
3J. Degassing.

(2×10 = 20 marks)

