

MANIPAL UNIVERSITY
FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2009
SUBJECT: PEDODONTICS (ESSAY)

Monday, January 19, 2009

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

✍ **Answer all the questions.**

✍ **Support your answers with illustrations, flowcharts or tables wherever appropriate.**

1. Define rampant caries. Elaborate the differences between rampant and nursing bottle caries. Add a note on prevention and management of nursing bottle caries.

(1+3+6 = 10 marks)

2. **Write short notes on:**

- 2A. Indications and contraindications of stainless steel crowns.
- 2B. Dental auxiliaries in a Pedodontic clinic.
- 2C. Subjective and objective fear.
- 2D. Paralleling and bisecting angle techniques.
- 2E. Modifications for class II cavity preparation on primary molars.
- 2F. Indirect pulp capping in primary dentition.
- 2G. Management of complicated crown fractures in young permanent incisors.
- 2H. Band and Loop space maintainer.
- 2I. Sadomasochistic habits.
- 2J. Id, Ego and Superego.

(5×10 = 50 marks)

3. **Answer the following briefly:**

- 3A. Four features of thumb sucking habit.
- 3B. Role of vasoconstrictor in local anesthetic solution.
- 3C. Names of techniques of application of sodium fluoride and APF.
- 3D. Four features of preoperational stage.
- 3E. Classification of occlusal pits and fissures.
- 3F. Name the phases in treatment planning.
- 3G. Brown spot lesion.
- 3H. Four causes of intrinsic staining of teeth.
- 3I. Four indications for extraction of primary teeth.
- 3J. Eames technique.

(2×10 = 20 marks)



MANIPAL UNIVERSITY
FINAL BDS PART – I DEGREE EXAMINATION – JULY 2009

SUBJECT: PEDODONTICS (ESSAY)

Monday, July 27, 2009

Time: 14:30 – 17:00 Hrs

Maximum Marks: 80

✍ **Answer all the questions.**

✍ **Support your answers with illustration, flowcharts or tables wherever appropriate.**

1. Define the terms space maintenance and space control. List the variables influencing space control programme. Discuss in detail the indications, contraindications, construction and limitations of band and loop space maintainer.

(2+3½+4½ = 10 marks)

2. Write short notes on:

- 2A. Infection control in Pediatric Dental Clinic.
- 2B. Oral features of a neonate.
- 2C. Clinical features and management of teething.
- 2D. Operant conditioning theory.
- 2E. Classification and indications of pit and fissure sealants.
- 2F. Topical Sodium Fluoride.
- 2G. Modifications of class II cavity preparation in primary molars.
- 2H. Apexification.
- 2I. Management of tongue thrusting.
- 2J. Recent advances in local anesthesia.

(5×10 = 50 marks)

3. Answer the following briefly:

- 3A. Four dental considerations for hemophiliac child patient.
- 3B. Four features of normal gingiva in a child.
- 3C. Four indications of bitewing radiograph.
- 3D. Difference between gemination and fusion.
- 3E. Elsbach's classification.
- 3F. Define behavior management and behavior shaping.
- 3G. Common rubber dam clamps used for second primary molars.
- 3H. Armamentarium for stainless steel crown adaptation.
- 3I. Four contraindications for direct pulp capping.
- 3J. Young's rule.

(2×10 = 20 marks)

