

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2007

SUBJECT: ~~ORTHO~~ ORTHODONTICS (ESSAY)

Wednesday, January 10, 2007

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

1. Define and classify oral habits (any two classifications). Discuss in detail the management of thumb sucking habit in an eight year old female child.
(10 marks)

2. Write short notes:
(5×10 = 50 marks)
 - 2A. Apexification.
 - 2B. Primary molar relationship.
 - 2C. Radiation hygiene measures.
 - 2D. Localized aggressive periodontitis.
 - 2E. Levels of prevention for dental caries.
 - 2F. Modeling.
 - 2G. Distal shoe space maintainer.
 - 2H. Defluoridation of water.
 - 2I. Steps in placement of stainless steel crown.
 - 2J. Treatment considerations for a child with mental retardation.

3. Write briefly on:
(2×10 = 20 marks)
 - 3A. Mention four indications for an IOPA radiograph in children.
 - 3B. Dunlop's beta hypothesis.
 - 3C. Composition of Buckley's formocresol and its mechanism of action.
 - 3D. Mention four principles of Minimal Intervention Dentistry.
 - 3E. Nalgonda technique.
 - 3F. Contingency management.
 - 3G. Types of cry.
 - 3H. Incisal liability.
 - 3I. Linear enamel hypoplasia.
 - 3J. Cephalocaudal gradient of growth.



MANIPAL UNIVERSITY
FINAL BDS PART – I DEGREE EXAMINATION – JULY 2007
SUBJECT: PEDODONTICS (ESSAY)

Saturday, July 21, 2007

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

- ✍ **Answer all questions. Write the answers in the order of appearance in question paper.**
✍ **Write the questions number in the margin space. Use appropriate illustrations.**

1. Classify traumatic injuries according to Ellis and Davey. Discuss in detail the management for a class 3 fracture of maxillary central incisor in an 8- year old boy.
(10 marks)

2. Write short notes:

- 2A. Lip habits
- 2B. Avulsion
- 2C. Acute herpetic gingivostomatitis
- 2D. Dental problems and management in a child of cerebral palsy
- 2E. Lingual arch space maintainer
- 2F. Operant conditioning theory
- 2G. Wright's classification of child behavior
- 2H. Pedodontic treatment planning
- 2I. Acidulated phosphate fluoride
- 2J. Nursing caries vs rampant caries

(5×10 = 50 marks)

3. Write briefly on:

- 3A. Features of primary dentition.
- 3B. Pedodontic treatment triangle.
- 3C. Subjective fear.
- 3D. Endocrine growth axis.
- 3E. Formulae for calculation of pediatric drug dosage.
- 3F. Adenoid facies.
- 3G. Nance palatal arch
- 3H. Incipient caries
- 3I. Mention four sequelae to primary teeth injuries
- 3J. Knutson's technique

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – I DEGREE EXAMINATION – SEPTEMBER 2007****SUBJECT: PEDODONTICS (ESSAY)**

Monday, September 24, 2007

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

- ✍ **Answer all questions. Write the answers in the order of appearance in question paper.**
✍ **Write the question number in the margin space. Use appropriate illustrations.**

1. A five year old child is brought to your dental clinic with history of severe throbbing pain in a right lower back tooth since two days. On examination, there is a deep carious lesion on 85. Radiographically there is a coronal radiolucency in 85 involving the mesial pulp horn and evidence of initial furcal changes. Give your diagnosis and write in detail the treatment modality.

(10 marks)

2. Write short notes:

- 2A. Caries tetrology.
- 2B. Freud's psychic triad.
- 2C. Lampshire's classification of child behavior.
- 2D. Infected dentin vs affected dentin.
- 2E. Communication with child patient.
- 2F. Formocresol pulpotomy.
- 2G. Facial growth trends.
- 2H. Indications for stainless steel crowns.
- 2I. Preventive resin restorations.
- 2J. Clinical manifestations of Down's syndrome.

(5×10 = 50 marks)

3. Write briefly on:

- 3A. Mention the timings of growth spurts.
- 3B. What are primate spaces?
- 3C. Composition of local anesthetic solution.
- 3D. T- band matrix.
- 3E. Mention the composition and two advantages of metapex.
- 3F. What are euphemisms?
- 3G. Hitchcock's classification of space maintainers.
- 3H. Window of infectivity.
- 3I. Classification of pit and fissure sealants.
- 3J. Audio analgesia.

(2×10 = 20 marks)

