

MANIPAL UNIVERSITY

FINAL BDS PART – I DEGREE EXAMINATION – JULY 2014

SUBJECT: PERIODONTICS (ESSAY)
(OLD REGULATION)

Saturday, July 26, 2014

Time: 14.30 – 17.00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Draw diagrams and flow charts wherever necessary.

1. Define and classify trauma from occlusion? Describe the stages of injury to the periodontium?
(2+3+5 = 10 marks)

2. Write short essays on:

2A. External bevel gingivectomy

2B. Mechanism of action of Chlorhexidine

2C. Local anatomic factors for furcation involvement

2D. Melchers concept

2E. Lateral pedicle graft

2F. Difference between suprabony and infrabony pockets

2G. Microbiology as risk factor in the etiology of localized aggressive periodontitis

2H. Treatment of dentinal hypersensitivity

2I. Etiology of tooth mobility

2J. Treatment of periodontal abscess

(5 marks × 10 = 50 marks)

3. Write short notes on:

3A. Define Plaque

3B. Osteoinduction, Osteoconduction

3C. Classify Dental Cementum

3D. Periodontal Disease Activity

3E. Osseous Craters

3F. William's Periodontal Probe

3G. Gracey Curvettes

3H. Biscuspidization

3I. OHI-S - Calculus component

3J. Define Peri-implantitis

(2 marks × 10 = 20 marks)

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FINAL BDS PART – I DEGREE EXAMINATION – JULY 2014

SUBJECT: PEDODONTICS (ESSAY)
(OLD REGULATION)

Friday, July 25, 2014

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Draw diagrams and flowcharts wherever appropriate.

1. Classify trauma to anterior teeth based on W.H.O. modified Andreasen's classification. Discuss in detail the diagnosis and treatment plan for an eight year old child who had bicycle fall leading to fracture of upper central Incisor with the exposure of the pulp and reported to the dental clinic three days after the injury.

(4+6 = 10 marks)

2. **Short Notes:**

- 2A. Describe the steps in fabrication of Stainless Steel Crown restoration
2B. Classify Space maintainers. Enumerate the advantages of fixed space maintainer
2C. Early Childhood caries
2D. Factors affecting the behavior of a child in the clinic
2E. Water Fluoridation
2F. Importance of investigations and Treatment planning
2G. Downs Syndrome
2H. Formacresol Pulpotomy
2I. Teething
2J. Primary prevention

(5 marks × 10 = 50 marks)

3. **Short Answers:**

- 3A. Disadvantages of Stannous fluoride
3B. Clinical significance of Growth Spurts
3C. AAPD definition of Pediatric Dentistry
3D. Any one classification of oral habits with examples
3E. Write four ideal requirements for obturating materials in primary teeth
3F. Mention four theories explaining thumb sucking habit
3G. Any four indications for extraction in a child patient
3H. Indications for Stainless Steel Crown restoration
3I. Enumerate the space maintainers that can be used for maxillary arch
3J. List the professionally applied topical fluorides

(2 marks × 10 = 20 marks)