

## MANIPAL UNIVERSITY

## FINAL BDS PART – I DEGREE EXAMINATION – JULY 2010

## SUBJECT: PERIODONTICS (ESSAY)

Friday, July 23, 2010

Time: 14.30 – 17.00 Hrs.

Maximum Marks: 80

1. Define dental plaque. Discuss in detail the various stages in plaque formation.  
(3+7 = 10 marks)
2. Write briefly on the following:
- 2A. Principal fibers of the periodontal ligament.
  - 2B. CPITN.
  - 2C. Influence of diabetes mellitus on the periodontium.
  - 2D. Management of dentinal hypersensitivity.
  - 2E. Root surface wall of the periodontal pocket.
  - 2F. ENAP.
  - 2G. Immune reactions.
  - 2H. Indications and contraindications of gingivectomy.
  - 2I. Chlorhexidine.
  - 2J. BANA test.
- (5×10 = 50 marks)
3. Write briefly on the following:
- 3A. Subclinical gingivitis.
  - 3B. Classification of periodontal pockets.
  - 3C. Classification of furcation invasions.
  - 3D. Horizontal incisions in periodontal flap surgeries.
  - 3E. Classification of gingival recessions.
  - 3F. Interdental aids.
  - 3G. Enumerate various mucogingival conditions.
  - 3H. Tetracyclines.
  - 3I. Hemiseptal defects.
  - 3J. New attachment and reattachment.

(2×10 = 20 marks)



**MANIPAL UNIVERSITY****FINAL BDS PART – I DEGREE EXAMINATION – JULY 2010****SUBJECT: ORTHODONTICS (ESSAY)**

Saturday, July 24, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

1. Write on the Frankel appliance and explain in detail about the FR2.

(10 marks)

2. Write short notes on:

- 2A. Differential growth
- 2B. Prenatal development of the face and the palate
- 2C. Gum pads
- 2D. Trajectories of force
- 2E. Extra oral examination
- 2F. SNA, SNB and ANB
- 2G. Boltons analysis
- 2H. Lag phase and hyalinisation
- 2I. Retainers
- 2J. Management of midline diastema.

(5×10 = 50 marks)

3. Write short answers on:

- 3A. Veaus classification of CLP
- 3B. Enumerate the cranial base synchondroses and fusion timings
- 3C. Features of Class II Div I malocclusion
- 3D. Enumerate the various causes of relapse
- 3E. Mention the sequence of serial extraction in Dewels method
- 3F. Define stationary anchorage and simple anchorage
- 3G. Distal shoe space maintainer – indications and structure
- 3H. Principles of spot welding
- 3I. Features of skeletal deep bite
- 3J. Composition of solder.

(2×10 = 20 marks)



**MANIPAL UNIVERSITY****FINAL BDS PART – I DEGREE EXAMINATION – JULY 2010****SUBJECT: PEDODONTICS (ESSAY)**

Monday, July 26, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

- ✍ **Answer all the questions.**  
✍ **Support your answers with illustrations, flowcharts or tables wherever appropriate.**

1. Define special child. Discuss in detail the dental management of child with cerebral palsy.  
(2+8 = 10 marks)

**2. Write short notes on:**

- 2A. Growth trends
- 2B. Bitewing radiograph
- 2C. Atraumatic restorative treatment
- 2D. Stainless steel crowns
- 2E. Self inflicted injuries
- 2F. Glass ionomer cement
- 2G. Psychic triad
- 2H. Phases of treatment plan
- 2I. Defluoridation
- 2J. Bite marks

(5×10 = 50 marks)

**3. Write briefly on:**

- 3A. Composition of LA
- 3B. Tongue tie
- 3C. Pedodontic treatment triangle
- 3D. Self correcting malocclusions in predentate period
- 3E. Nursing Caries Vs Rampant Caries
- 3F. White spot lesion
- 3G. Four indications of pit and fissure sealants
- 3H. Window of infectivity
- 3I. Sugar substitutes
- 3J. Knutson technique

(2×10 = 20 marks)



# MANIPAL UNIVERSITY

## FINAL BDS PART – I DEGREE EXAMINATION – JULY 2010

### SUBJECT: ORAL MEDICINE AND RADIOLOGY (ESSAY)

Tuesday, July 27, 2010

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

1. Classify white lesions of oral cavity. Define OSMF. Write in detail clinical features, differential diagnosis and treatment of OSMF. (3+1+2+2+2 = 10 marks)
  
- 2. Write short notes on:**
  - 2A. Clinical features of myofascial pain dysfunction syndrome. (5 marks)
  - 2B. Oral and radiographic manifestations of renal diseases. (3+2 = 5 marks)
  - 2C. Clinical, radiographic features and types of fibrous dysplasia. (2+2+1 = 5 marks)
  - 2D. Sialography-indications and contraindications. (2½+2½ = 5 marks)
  - 2E. Oral health considerations in asthmatic patient. (5 marks)
  - 2F. Predisposing factors and management of Xerostomia. (3+2 = 5 marks)
  - 2G. Advantages and disadvantages of digital radiography. (3+2 = 5 marks)
  - 2H. Oral manifestations and radiographic features of multiple myeloma. (2+3 = 5 marks)
  - 2I. Management of Trigeminal neuralgia. (5 marks)
  - 2J. Various TMJ imaging modalities. (5 marks)
  
- 3. Answer to the point/ in one or two sentences only:**
  - 3A. Name two clinical signs seen in pemphigus vulgaris.
  - 3B. Define radiographic density.
  - 3C. Two radiolucencies seen in anterior maxillary radiograph.
  - 3D. Two tests done to diagnose HIV infection.
  - 3E. Two indications for OPG.
  - 3F. Four types of Grids.
  - 3G. Two syndromes associated with aphthous ulcers.
  - 3H. Name any two deep fungal infections.
  - 3I. Four syndromes associated with café au lait pigmentation.
  - 3J. Two indications for occlusal radiograph. (2×10 = 20 marks)

