

**MANIPAL UNIVERSITY****FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2013****SUBJECT: PERIODONTOLOGY (ESSAY)  
(NEW REGULATION)**

Friday, January 11, 2013

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

1. Describe etiology and clinical features of aggressive periodontitis. Write a note on risk factors of aggressive periodontitis.  
(10 marks)
2. Define and classify periodontal pocket. Describe the microtopography of soft tissue wall and root surface changes.  
(2+3+5 = 10 marks)
3. **Write briefly on the following:**
  - 3A. Functions of periodontal ligament.
  - 3B. Transendothelial migration.
  - 3C. Etiology of food impaction.
  - 3D. Describe periodontal manifestations of leukemia.
  - 3E. Differentiate between periodontal and periapical abscess.
  - 3F. Risk determinants for periodontal disease.
  - 3G. Describe the mechanism of action of ultrasonic scalers.
  - 3H. Biology of soft tissue around implant.
  - 3I. Intraoral causes of oral malodor.
  - 3J. Subantimicrobial Dose Doxycycline.  
(4×10 = 40 marks)



**MANIPAL UNIVERSITY****FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2013****SUBJECT: PERIODONTICS (ESSAY)  
(OLD REGULATION)**

Friday, January 11, 2013

Time: 14.30 – 17.00 Hrs.

Maximum Marks: 80

1. Define periodontal flaps. Classify periodontal flaps. Discuss in detail the procedure for a modified Widman flap.

(2+3+5 = 10 marks)

**2. Write briefly on the following:**

- 2A. Periodontal dressings.  
2B. Steps in resective osseous surgery.  
2C. Overall prognosis.  
2D. Etiology of periimplant diseases.  
2E. Sonic versus ultrasonic scalers.  
2F. Management of desquamative gingivitis.  
2G. Modes of attachment of dental calculus.  
2H. Pregnancy gingivitis.  
2I. Classification of gingival diseases.  
2J. Age changes of the periodontal ligament.

(5×10 = 50 marks)

**3. Write briefly on the following:**

- 3A. Neutrophils.  
3B. Plasma cell gingivitis.  
3C. Enumerate predisposing factors for ANUG.  
3D. Etiology of pathologic migration.  
3E. Subgingival curettage.  
3F. Lactoperoxidase thiocyanate system.  
3G. Marginal plaque.  
3H. Metronidazole.  
3I. Triclosan.  
3J. Transgingival probing.

(2×10 = 20 marks)

