

# MANIPAL UNIVERSITY

## FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2011

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

Tuesday, January 18, 2011

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

1. Classify Vesiculo bullous lesions. Describe the clinical features, investigations and management of primary herpetic gingivostomatitis  
(2+3+3+2 = 10 marks)
2. **Short notes:**
  - 2A. Differential diagnosis of Homogenous leukoplakia. (5 marks)
  - 2B. Laboratory investigations in HIV. (5 marks)
  - 2C. Dental considerations in patients suffering from renal failure. (5 marks)
  - 2D. Describe the regimen for antibiotic prophylaxis for bacterial endocarditis. (5 marks)
  - 2E. Enumerate various types of lichen planus and describe the clinical features and management of lichen planus. (1+3+1= 5 marks)
  - 2F. Radiation protection protocol for the radiology personnel. (5 marks)
  - 2G. Enumerate uses and contraindications of Magnetic resonance imaging. (3+2 = 5 marks)
  - 2H. Principle of orthopantomography. (5 marks)
  - 2I. Describe construction of the x-ray tube with a labeled diagram. (4+1 = 5 marks)
  - 2J. Name two contrast agents used in Sialography. Enumerate the indications and contraindications of sialography. (1+2+2= 5 marks)
3. **Write in one or two sentences only:**
  - 3A. Enumerate four oral manifestations of inflammatory bowel disease.
  - 3B. Define 'case history'.
  - 3C. What is Plummer Vinson syndrome?
  - 3D. Target lesions.
  - 3E. List four drugs that cause lichenoid reaction.
  - 3F. List four radiopaque anatomic landmarks in the maxilla.
  - 3G. Four uses of ultrasonography in dentistry.
  - 3H. Define film density.
  - 3I. What are Deterministic and Stochastic effects?
  - 3J. Enumerate four radiographic projections that help in visualizing mandibular condyle. (2×10 = 20 marks)

