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MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL BDS PART – I DEGREE EXAMINATION – FEBRUARY 2020

SUBJECT: ORAL MEDICINE AND RADIOLOGY (ESSAY)
(NEW REGULATION)

Friday, February 21, 2020

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

1. Define Pain. Discuss the clinical features, differential diagnosis and management of Trigeminal Neuralgia.

(1+4+2+3 = 10 marks)

2. Define Latent image. Write the composition and function of processing solutions. Discuss the various steps involved in processing technique.

(1+6+3 = 10 marks)

3. **Write short notes on:**

3A. Write any FOUR differential diagnosis of potentially malignant white lesions

3B. Causes and management of Xerostomia

3C. Clinical features and Management of Bell's Palsy

3D. Oral manifestation in Leukemic patients

3E. Write any FOUR differential diagnosis for focal pigmented macule

3F. Contents of X ray film packet

3G. Soft tissue imaging modalities of orofacial region

3H. Causes of Light radiographs

3I. Differences between bisecting angle and paralleling technique

3J. Indications and limitations of radiography in diagnosis of periodontal diseases

(4 marks × 10 = 40 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL BDS PART – I DEGREE EXAMINATION – FEBRUARY 2020
SUBJECT: ORAL MEDICINE AND RADIOLOGY (ESSAY)
(OLD REGULATION)

Friday, February 21, 2020

Maximum Marks: 80

Time: 14:30 – 17:00 Hrs.

☞ Answer all the questions. Draw neat labeled diagrams wherever necessary.

1. Classify White lesions of the oral cavity. Write the etiology, clinical features, differential diagnosis and management of leukoplakia. (2+2+2+2+2 = 10 marks)

2. Write short notes on:
 - 2A. Write the clinical features and treatment of Lichen planus. (2+3 = 5 marks)
 - 2B. Write the clinical features and management of Xerostomia. (2+3 = 5 marks)
 - 2C. Oral manifestations of diabetes mellitus (5 marks)
 - 2D. Laboratory investigations of Iron deficiency anemia (5 marks)
 - 2E. Write the clinical features of Recurrent Aphthous stomatitis. (5 marks)
 - 2F. SLOB technique in object localization (5 marks)
 - 2G. Discuss any five radiographic differential diagnosis of dental caries. (5 marks)
 - 2H. Differences between Deterministic and Stochastic effects (5 marks)
 - 2I. Write indications of Bitewing radiography. (5 marks)
 - 2J. Describe the components of developing solution and function of each component. (5 marks)

3. Write the answer in one or two sentences:
 - 3A. Enumerate four radiopaque landmarks of maxilla.
 - 3B. What is a macule?
 - 3C. What is glycated hemoglobin and what is its normal value?
 - 3D. Write any four causes of dark radiograph.
 - 3E. Principle of ALARA in radiation protection
 - 3F. Penny test
 - 3G. Write any four conditions which cause vesicular eruption in oral cavity.
 - 3H. Enumerate any four causes of bleeding from oral cavity.
 - 3I. Function of GRID in extraoral radiography
 - 3J. Enumerate any four causes of halitosis in oral cavity. (2 marks × 10 = 20 marks)

