

MANIPAL UNIVERSITY

THIRD BDS DEGREE EXAMINATION – DECEMBER 2011

SUBJECT: ORAL PATHOLOGY AND MICROBIOLOGY (ESSAY)
(NEW REGULATION)

Monday, December 05, 2011

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ Answer ALL the questions.

✍ Draw diagrams wherever necessary.

✍ Essay Questions:

1. Classify the salivary gland neoplasms. Describe the clinical features and histopathology of pleomorphic adenoma. Add a note on its histogenesis.

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

2. Enumerate the developmental disturbances in relation to structure of teeth. Describe the clinical features, radiographic and histopathological features of regional odontodysplasia.

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

3. Write Short notes on:

3A. Gemination and Fusion.

3B. Embedded and impacted teeth.

3C. Types and histopathology of nevi.

3D. Histopathology of Ewing's sarcoma.

3E. Histopathology of dentigerous cyst.

3F. Histopathology of Calcifying Epithelial Odontogenic Tumor.

3G. Clinical features and oral manifestation of Herpes zoster.

3H. Factors affecting wound healing.

3I. Radiation caries.

3J. Marfans syndrome.

(4×10 = 40 marks)



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SUBJECT: ORAL PATHOLOGY AND MICROBIOLOGY (ESSAY)
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Monday, December 05, 2011

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

Answer ALL the questions.

1. Classify fibro-osseous lesions of the oral and maxillofacial region. Discuss in detail the clinical features, radiographic features, histological features and biochemical investigations of fibrous dysplasia

(2+2+2+2+2 = 10 marks)

2. **Write Short notes on:**

- 2A. Discuss three developmental disturbances affecting the shape of teeth.
 2B. Classify and describe the histopathological features of pigmented cellular nevus.
 2C. Discuss the histogenesis and histopathological features of pleomorphic adenoma.
 2D. Elaborate the radiographic features and histopathologic features of unicystic ameloblastoma.
 2E. Discuss the clinical features and histological features of cervicofacial actinomycosis.
 2F. Classify oral candidiasis and discuss the clinical features of acute pseudomembranous candidiasis.
 2G. Discuss the proteolytic chelation theory of caries.
 2H. Describe oral manifestations and radiographic features of osteitis deformans.
 2I. Discuss the etiology and clinical features of myofascial pain- dysfunction syndrome.
 2J. Discuss the clinical features and differential diagnosis of trigeminal neuralgia.

(5×10 = 50 marks)

3. **Write short answers:**

- 3A. Enumerate three clinical features of Bell's palsy.
 3B. Enumerate two characteristic radiographic features of hyperparathyroidism.
 3C. Define Ludwig's angina.
 3D. Enumerate complications of cavernous sinus thrombosis.
 3E. Define focal infection.
 3F. Enumerate types of pulpal calcifications.
 3G. Enumerate four factors affecting wound healing.
 3H. Enumerate four etiological factors of bruxism.
 3I. Enumerate three clinical features of dry socket.
 3J. Define attrition.

(2×10 = 20 marks)

