FOURTH YEAR B.D.S. DEGREE EXAM  
(Common to Final Year Paper II - Modified Regulation III and  
Final Year Paper I - New Modified Regulation Candidates)  

PAPER I – ORAL MEDICINE AND RADIOLOGY  

Q.P Code: 544216  

Time: Three Hours  
Maximum: 70 Marks  

Answer All Questions in the same order  
Draw suitable diagrams wherever necessary  

I. Elaborate on:  
(2 x 10 = 20)  

1. Classify Vesiculo Bullous lesions of the oral cavity. Discuss in detail the etiopathogenesis, clinical features, diagnosis and management of Pemphigus Vulgaris.  


II. Write Notes on:  
(10 x 5 = 50)  

1. Panoramic radiography.  
2. Grinspan syndrome.  
3. Garre’s osteomyelitis.  
4. Units of radiation.  
7. Melanoma.  
8. Dentigerous cyst.  
9. Toludine blue staining.  
10. Occlusal radiography.  

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I. Elaborate on: (2 x 10 = 20)

1. Classify Fibro osseous lesions of Jaws. Discuss in detail the clinical and radiographic features of Paget’s Disease.

2. Describe the principle of image formation in Panoramic radiography. Write in detail the indications, advantages and disadvantages of Panoramic radiography.

II. Write Notes on: (10 x 5 = 50)

2. Oral manifestations of Human Immunodeficiency Virus.
3. Ultrasonography.
5. Hemangioma.
6. Osteomas.
7. Vital stains as diagnostic modality for oral cancer.
8. Sialadenitis.

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I. Elaborate on: (2 x 10 = 20)

1. Define leukoplakia. Write in detail about etiology, clinical features, investigation and its management.

2. Discuss in detail about various radiation protection measures.

II. Write Notes on: (10 x 5 = 50)

1. Sialadenitis.
3. Periapical radiolucenties.
5. Factors affecting X ray production.
6. Pethargy test.
8. Age estimation using dental radiographs.
10. Digital radiography.
I. Elaborate on: \(2 \times 10 = 20\)

1. Classify Temporomandibular joint Disorders. Discuss in detail the etiopathogenesis, clinical features, diagnosis and management of Ankylosis.

2. Describe the parts of the X-ray tube. Discuss in detail the hazards of ionizing radiation to biological tissues.

II. Write Notes on: \(10 \times 5 = 50\)

1. Burning Mouth Syndrome.
2. Sjogren’s syndrome.
3. Intensifying screen.
5. Hemophilia.
6. Osteoradionecrosis.
7. Postero Anterior view of Mandible.
8. Bite marks in Forensic Odontology.
9. Exfoliative Cytology.
10. Recurrent Aphthous Ulcers.

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I. Elaborate on: (2 x 10 = 20)

1. Define Trismus. Classify the various causes of Trismus. Discuss about the etiology, clinical features and management of OSMF.

2. Discuss the principle, technique, application, advantage and disadvantage of Ortho Pantamo gram.

II. Write Notes on: (10 x 5 = 50)

1. Toludine blue staining.
2. Recurrent aphthous ulcer.
5. Hyperparathyroidism.
6. Intensifying screens and grids.
7. Water’s view.
8. Advantages of CBCT.
9. Radiation effects on oral mucosa.

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Time: Three Hours                                   Maximum: 70 Marks

Answer All Questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on:                                      (2 x 10 = 20)


2. What is the composition of a radiographic film? Describe the mechanism of image formation and add a note on Paralleling technique?

II. Write Notes on:                                 (10 x 5 = 50)

1. Bechet’s syndrome.
2. Differential diagnosis of depapillation of tongue.
4. Biopsy.
5. Bite Marks.
6. Radiographic features of Fibrous Dysplasia.
7. Dentigerous Cyst.
8. Paget’s Disease.
10. Amelogenesis Imperfecta.

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Time: Three Hours
Maximum: 70 Marks

Answer All Questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on: (2 x 10 = 20)

1. Classify White lesions. Write the etiopathogenesis, classification,
   clinical features, investigations, differential diagnosis and management
   of Oral Candidiasis

2. Describe the production of X-rays. Discuss in detail about the principle of
   bisecting angle technique.

II. Write Notes on: (10 x 5 = 50)

1. Oral brush biopsy.
2. Café -Au lait Spot.
3. Ramsay hunt syndrome.
4. Trigeminal neuralgia.
5. Epstein Barr virus infection in oral cavity.
6. Radiovisiography.
7. PNS view.
8. Onion peel appearance.
10. Age estimation of forensic odontology.

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I. Elaborate on: 

1. Define and classify pain. Discuss in detail about the aetiology, clinical features and management of Myofacial pain dysfunction syndrome.

2. Describe the indications and contraindications of sialography. Describe in detail the contrast medias and the step wise procedure for submandibular salivary gland sialography.

II. Write Notes on: 

1. Scintigraphy in dentistry.
2. Occlusal Radiography.
3. Scorbutive gingivitis.
4. Filtration and collimation.
5. Verrucous carcinoma.
6. Plummer - Vinson syndrome.
7. Egg shell effect.
8. Acute radiation syndrome.