AUGUST 2016
Sub. Code:4216

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.

2. Describe the production of X rays. Discuss in detail the principle and
   method of Paralleling technique of Intra-oral periapical radiography.

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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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 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 radiolucencies.
5. Factors affecting X ray production.
6. Pethargy test.
8. Age estimation using dental radiographs.
10. Digital radiography.

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I. Elaborate on:  

(2 x 10 = 20)

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


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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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. 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:                                 (10 x 5 = 50)

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

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

1. Define tumour? Classify Odontogenic tumors? Write in detail about Ameloblastoma?

2. What are Deterministic and Stochastic effects? Write a note on effects of Radiotherapy in the oral cavity.

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

1. Oral submucous fibrosis.
2. Iron deficiency anemia.
3. Xerostomia.
4. Fine needle aspiration cytology.
5. Osteomalacia.
6. Xeroradiography.
7. Electromagnetic spectrum.
9. Digital image receptors.
10. Submentovertex view.

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