

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.
5. Management of Oral Candidiasis.
6. Water's view of the skull.
7. Melanoma.
8. Dentigerous cyst.
9. Toluidine 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)**

1. Peutz – Jeghers syndrome.
2. Oral manifestations of Human Immunodeficiency Virus.
3. Ultrasonography.
4. Bitewing radiography: its indications and technique.
5. Hemangioma.
6. Osteomas.
7. Vital stains as diagnostic modality for oral cancer.
8. Sialadenitis.
9. Properties of X rays.
10. Oral submucous Fibrosis.

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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.
2. Myofacial Pain Dysfunction syndrome.
3. Periapical radiolucencies.
4. Café au lait spots.
5. Factors affecting X ray production.
6. Pethargy test.
7. Immunomodulators in Oral Medicine.
8. Age estimation using dental radiographs.
9. Differential diagnosis of multiple ulcers of oral cavity.
10. Digital radiography.

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I. Elaborate on: **(2 x 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 x 5 = 50)**

1. Burning Mouth Syndrome.
2. Sjogren's syndrome.
3. Intensifying screen.
4. Characteristic radiation.
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. Toluidine blue staining.
2. Recurrent aphthous ulcer.
3. Oral manifestation of Diabetes mellitus.
4. Management of Oral Lichen Planus.
5. Hyperparathyroidism.
6. Intensifying screens and grids.
7. Water's view.
8. Advantages of CBCT.
9. Radiation effects on oral mucosa.
10. Cheiloscopy.

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

1. Classify Vesiculo – Bullous lesions. Write in detail about the etiopathogenesis, classification, clinical features, differential diagnosis, investigations and management of Erythema Multiforme.
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.
3. Gingival Hyperplasia.
4. Biopsy.
5. Bite Marks.
6. Radiographic features of Fibrous Dysplasia.
7. Dentigerous Cyst.
8. Paget's Disease.
9. Mucocele.
10. Amelogenesis Imperfecta.

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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.
9. Dosimetry.
10. Age estimation of forensic odontology.

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

1. Define and classify pain. Discuss in detail about the aetiology, clinical features and management of Myofascial 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.
3. Scorbutic gingivitis.
4. Filtration and collimation.
5. Verrucous carcinoma.
6. Plummer - Vinson syndrome.
7. Egg shell effect.
8. Acute radiation syndrome.
9. Shingles.
10. Properties of X – rays.

[LR 670]

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 4216

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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.
8. Components of x-ray film.
9. Digital image receptors.
10. Submentovertex view.
