

**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.

\*\*\*\*\*

**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 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.

\*\*\*\*\*

**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. 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.

\*\*\*\*\*

**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 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.

\*\*\*\*\*

**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. 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.

\*\*\*\*\*

**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. 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.

\*\*\*\*\*

**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 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.

\*\*\*\*\*

**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. 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

**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. 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.

\*\*\*\*\*

[BDS 0921]

SEPTEMBER 2021  
(FEBRUARY 2021 SESSION)

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 Orofacial Pain. Write in detail about Etiology, Clinical Features, Differential Diagnosis and Management of Trigeminal Neuralgia.
2. Describe in detail about TMJ Imaging.

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

1. Bisecting Angle Technique.
2. Waters View.
3. Sjoghren's Syndrome.
4. Intensifying Screen.
5. Acute Radiation Syndrome.
6. Management of OSMF.
7. Ideal Radiograph.
8. Pathergy Test.
9. Café-Au Lait Spot.
10. Lip Print.

\*\*\*\*\*

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BDS 1221]**

**DECEMBER 2021  
(AUGUST 2021 SESSION)**

**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. Define cyst. Classify cyst. Write in detail about Keratocystic Odontogenic Tumor.
2. Define Ionization. Write in detail about Factors Controlling the X-Ray Beam.

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

1. Solitary Bone Cyst.
2. Myofacial Pain Dysfunction Syndrome.
3. Internal Derrangement.
4. Herpes Zoster.
5. Intensifying Screens.
6. Automatic Film Processing.
7. Dosimetry.
8. Digital Subtraction Radiography.
9. Acute Radiation Syndrome.
10. Indications for CT and MRI.

\*\*\*\*\*

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BDS 0522]**

**MAY 2022  
(FEBRUARY 2022 SESSION)**

**Sub. Code: 4216**

**B.D.S. DEGREE EXAM**

**(Common to Final Year Paper II Modified Regulation III and  
Final Year Paper I New Modified Regulation Candidates)**

**FINAL YEAR**

**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 White lesions of the Oral Mucosa and Describe the etiopathogenesis, clinical features, diagnosis and management of Oral Lichen Planus and add a note on difference between Oral Lichen Planus and Lichenoid Reaction.
2. What are the importance and indications of Periapical Radiograph and Elaborate on the differential diagnosis of periapical radiolucency.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Iron deficiency anemia.
2. Pathergy test.
3. Topical Medicaments.
4. Composition and Uses of Intensifying Screens.
5. Thermoluminescent Dosimeters.
6. Diagnostic importance of saliva.
7. Pertz jeghers syndrome.
8. Radiation effects on Oral mucosa.
9. Differential diagnosis of multiple ulcers of oral cavity.
10. Object localization technique.

\*\*\*\*\*

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BDS 1022]**

**OCTOBER 2022  
(AUGUST 2022 SESSION)**

**Sub. Code: 4216**

**B.D.S. DEGREE EXAMINATION  
(Common to Final Year Paper II Modified Regulation III and  
Final Year Paper I New Modified Regulation Candidates)**

**FINAL YEAR  
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 Pigmentations of oral mucosa. Write in detail about Melanin associated pigmentation.
2. Write in detail about the Temporomandibular joint imaging.

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

1. Oral Exfoliative cytology.
2. Filtration and collimation.
3. Management of Aphthous ulcers.
4. Personnel monitoring devices.
5. Sialadenitis.
6. Object Localization Technique.
7. Submentovertex view and its modification.
8. Electromagnetic radiation.
9. Treatment of oral candidiasis.
10. Burning mouth syndrome.

\*\*\*\*\*