

[LB 670]

AUGUST 2012

Sub. Code: 4179

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER – I ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q .P .Code: 544179*

**Time : 180 Minutes**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**Pages Time Marks  
(Max.)(Max.)(Max.)**

- |   |    |    |    |
|---|----|----|----|
| 1. Classify the Pigmented lesions of the oral mucosa. Write in detail about the etiology, clinical types, clinical features, investigations and management of Oral lichen planus. | 19 | 30 | 20 |
| 2. What are the principles of Projection Geometry? Write in detail about the principle and method of Paralleling angle technique of intra-oral periapical radiography.            | 19 | 30 | 20 |

**II. Write notes on:**

- |   |   |    |   |
|---|---|----|---|
| 1. Glycosylated Hemoglobin test.                  | 3 | 10 | 5 |
| 2. Investigations for a case of Oral candidiasis. | 3 | 10 | 5 |
| 3. Medical management of Oral submucous fibrosis. | 3 | 10 | 5 |
| 4. Recurrent Aphthous Ulcers.                     | 3 | 10 | 5 |
| 5. Drug induced Gingival Overgrowth.              | 3 | 10 | 5 |
| 6. Age determination in Forensic Odontology.      | 3 | 10 | 5 |
| 7. Factors influencing x-ray beam.                | 3 | 10 | 5 |
| 8. Radiovisiography.                              | 3 | 10 | 5 |
| 9. Thermoluminescent Dosimeters.                  | 3 | 10 | 5 |
| 10. Advantages of Panoramic radiography.          | 3 | 10 | 5 |
| 11. Cotton-wool appearance.                       | 3 | 10 | 5 |
| 12. Types of radiotherapy.                        | 3 | 10 | 5 |

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[LC 670]

FEBRUARY 2013

Sub. Code: 4179

FOURTH YEAR B.D.S. DEGREE EXAM

PAPER – I ORAL MEDICINE DIAGNOSIS AND RADIOLOGY

*Q.P.Code: 544179*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2x10=20)**

1. Classify Salivary gland disorders. Write in detail about the etiology, clinical features, investigations and treatment of Sjogren's syndrome.
2. What are the different intra-oral periapical radiographic techniques? Write in detail about the principle, methodology, advantages and disadvantages of Bisecting angle technique.

**II. Write notes on:**

**(10x5=50)**

1. Alkaline Phosphatase.
2. Toluidine – Blue staining.
3. Shingles.
4. Trigeminal neuralgia.
5. Antifungal drugs.
6. Bite-marks.
7. Composition of radiographic film.
8. Intensifying screens.
9. Advantages of Digital radiography.
10. Ghost images.

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[LD 670]

AUGUST 2013

Sub. Code: 4179

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER – I ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q.P.Code: 544179*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2x10=20)**

1. Classify ulcerative lesions and discuss the etiology, clinical features, differential diagnosis and management of recurrent aphthous stomatitis.
2. Discuss the principle, technique, advantage and disadvantages of panoramic imaging.

**II. Write notes on:**

**(10x5=50)**

1. Schillings test
2. Sialadenosis
3. Radiovisiography
4. Factors controlling X ray beam
5. Object localization technique
6. Automatic film processing
7. Oral manifestations of diabetes mellitus
8. Investigation of oral candidiasis
9. Exfoliative cytology
10. Water's projection.

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[LE 670]

FEBRUARY 2014

Sub. Code:4179

**FOURTH YEAR B.D.S. DEGREE EXAM**  
**PAPER I - ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**  
*Q.P Code: 544179*

**Time: Three hours**

**Maximum: 70 marks**

**I. Elaborate on:**

**(2X10=20)**

1. Classify immunological disorders. Write in detail the oral manifestations and investigations in Acquired Immune Deficiency Syndrome.
2. Describe in detail about principle, technique, advantages and disadvantages of bisecting angle technique

**II. Write Notes on:**

**(10X5=50)**

1. Intensifying screen
2. Drug induced gingival enlargement
3. Multilocular radiolucency
4. Hyperparathyroidism
5. Indications and technique of Transcranial view of TMJ.
6. Osteoradionecrosis
7. Capillary fragility test
8. Sialolithiasis
9. Burning mouth syndrome
10. Occlusal radiographs

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[LF 670]

AUGUST 2014

Sub. Code:4179

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER I - ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q.P Code: 544179*

**Time: Three hours**

**Maximum: 70 marks**

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

**I. Elaborate on: (2X10=20)**

1. Enumerate causes for cervico facial lymphadenopathy. Discuss in detail the etiopathogenesis, clinical manifestations and treatment of Hodgkin's disease.
2. What is ionizing radiation? Discuss in detail the hazards of ionizing radiation to human body and the measures to be adopted for protection against these hazards in dental radiology.

**II. Write Notes on: (10X5=50)**

1. Glucose tolerance test
2. Plummer-Vinson syndrome
3. Glossodynia
4. Radiographic features of chronic periodontitis
5. Oral thrush
6. Bite marks
7. Properties of x-rays
8. Periapical films
9. Lamina dura
10. Characteristic radiation

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**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER I - ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q.P Code: 544179*

**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 in detail about the aetiology, clinical features and management of Oral Submucous Fibrosis.
2. Define an ideal radiograph. Discuss in detail about the factors responsible for faulty radiographs.

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

1. Trigeminal neuralgia.
2. Dental considerations in patients with ischemic heart diseases.
3. Multilocular radiolucencies.
4. Drug induced gingival hyperplasia.
5. Sialography.
6. Thrombocytopenic purpura.
7. Intensifying screens.
8. Digital radiography.
9. Corticosteroids and their uses in dentistry.
10. Lip prints.

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[LH 670]

AUGUST 2015

Sub. Code: 4179

**FOURTH YEAR B.D.S. DEGREE EXAMINATION**  
**PAPER I – ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q.P. Code: 544179*

**Time : Three Hours**

**Maximum : 70 marks**

**Answer All Questions in same order**

**Draw suitable Diagrams wherever necessary**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. What is oral cancer?

Discuss in detail about etiology, clinical features, investigation, treatment modalities of oral cancer.

2. What are the indications of periapical radiograph?

Write in detail about bisecting angle technique.

**II. Write notes on :**

**(10 x 5 = 50)**

1. Management of candidiasis.

2. Sialadenosis.

3. Mixed radiolucent and radiopacities of jaws.

4. Newer antibiotics in dentistry.

5. Kveim test.

6. TMJ arthritis.

7. Collimation.

8. Faulty radiographs.

9. Role of Forensic Odontology in mass disaster.

10. Water's view.

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[LI 670]

FEBRUARY 2016

Sub. Code: 4179

**FOURTH YEAR B.D.S. DEGREE EXAMINATION**  
**PAPER I – ORAL MEDICINE DIAGNOSIS AND RADIOLOGY**

*Q.P. Code : 544179*

**Time : Three Hours**

**Maximum : 70 Marks**

**Answer All Questions in same order**

**Draw suitable Diagrams wherever necessary**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Enumerate oral viral lesions. Discuss in detail the etiopathogenesis, clinical features, diagnosis, differential diagnosis & management of secondary varicella zoster infection.
2. What is an ideal radiograph? Discuss in detail the factors controlling the diagnostic quality of dental radiographs.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Agranulocytosis.
2. Ankylosis of temporomandibular joint.
3. Prothrombin time.
4. Cheiloscopy investigation in forensic odontology.
5. Latent image.
6. Occlusal radiograph.
7. Grids in dental radiology.
8. Thermo luminescent dosimeter.
9. Paralleling technique.
10. Collimation in dental radiology.

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**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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**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.

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**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.

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**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.

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**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. Toludine 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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**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.

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**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.

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**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.

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