

**ST. GREGORIOS DENTAL COLLEGE**  
**ORAL MEDICINE AND RADIOLOGY**

**FIRST INTERNAL EXAMINATION**

Time : 3 hours

Max marks:100

**Long Essays**

**10\*2**

1. Classify red and white lesions. Describe in detail the aetiology, clinical features, diagnosis and management of leukoplakia .
2. Describe in detail about x-ray production.detail about the various properties of x-ray

**Short Essays**

**5\*4**

3. Trigeminal neuralgia
4. OSMF
5. Fibrous dysplasia
6. Ideal radiographs

**Short Notes3\*10**

7. Candidiasis
8. Cherubism
9. Pagets disease
10. Erythroplakia
11. Lichen Planus
12. Collimators and filters
13. Intensifying screens
14. Causes for light image
15. Developer and fixer
16. Intra oral films

# FIRST INTERNAL EXAMINATION

## LONG ESSAYS

1.

### CLASSIFICATION OF RED AND WHITE LESIONS

#### LEUKOPLAKIA

AETIOLOGY  
CLINICAL FEATURES  
DIAGNOSIS  
MANAGEMENT

2.

FLOW CHART OF X-RAY PRODUCTION  
PROPERTIES OF X RAY  
PHYSICAL, CHEMICAL, BIOLOGIC, PHYSIOCHEMICAL

3.

DEFINITION , TYPES  
ETIOLOGY  
CLINICAL FEATURES  
DIAGNOSIS  
MANAGEMENT

4.

DEFINITION  
ETIOLOGY  
CLINICAL FEATURES  
DIAGNOSIS  
PHARMACOLOGICAL AND NON PHARMACOLOGICAL TREATMENT

5.

DEFINITION  
ETIOLOGY  
TYPES  
CLINICAL FEATURES  
RADIOLOGIC FEATURES  
MANAGEMENT

6.

PROPERTIES OF IDEAL RADIOGRAPHS  
RADIOGRAPHIC DENSITY  
RADIOGRAPHIC CONTRAST  
MAGNIFICATION/DISTORTION  
DISTORTION  
SHARPNESS  
DETAIL  
RESOLUTION

7.

SYNONYMS  
CAUSATIVE AGENT  
TYPES  
CLINICAL FEATURES  
MANAGEMENT

8.

CHARACTERISTIC APPEARANCE  
ETIOLOGY  
CLINICAL FEATURES  
RADIOLOGIC FEATURES  
MANAGEMENT

9.

ETIOLOGY  
CLINICAL FEATURES  
RADIOLOGIC FEATURES  
MANAGEMENT

10.

ETIOLOGY  
CLINICAL FEATURES  
DIAGNOSIS  
MANAGEMENT

11.

ETIOLOGY  
CLINICAL FEATURES  
MANAGEMENT

12.

FUNCTIONS OF A COLLIMATOR  
TYPES  
FUNCTION OF FILTER  
TYPES OF FILTER

13.

MECHANISM OF ACTION OF INTENSIFYING SCREENS  
COMPOSITION IN BRIEF  
ADVANTAGE

14.

CAUSES OF LIGHT IMAGE  
LOW CONTRAST  
GREY SCALE  
RADIOGRAPHIC DENSITY

15.

CONTENTS OF DEVELOPER AND ITS FUNCTIONS  
CONTENTS OF FIXER AND ITS FUCTION

16.

INTRA ORAL FILMS  
DIMENSIONS  
TYPES

**ST. GREGORIOS DENTAL COLLEGE**  
**ORAL MEDICINE AND RADIOLOGY**

**SECOND INTERNAL EXAMINATION**

Time :2.5 hours

Max marks:50

**Long Essays**

**10\*2**

1. Classify salivary gland disorders. describe in detail about xerostomia, its etiopathogenesis, clinical features, diagnosis and management
2. Saliva as a diagnostic tool

**Short Essays**

**5\*3**

3. TMJ radiograph
4. Sjogrens syndrome
5. Digital radiography

**Short Notes**

**3\*5**

6. Sialosis
7. Necrotising sialometaplasia
8. Sialolithiasis
9. Jug handle view
10. Mumps

## SECOND INTERNAL EXAMINATION- 50

1.

- CLASSIFICATION OF SALIVARY GLAND DISORDERS
- XEROSTOMIA
- ETIOLOGY
- CLINICAL FEATURES
- DIAGNOSIS
- MANAGEMENT

2.

- SALIVA AS A DIAGNOSTIC TOOL
- VARIOUS DIAGNOSTIC PROCEDURES CARRIED OUT WITH SALIVA

3.

- TMJ RADIOGRAPHS BONY COMPONENTS AND SOFT TISSUE COMPONENT
- TRANSCRANIAL
- TRANSPHARYNGEAL
- TRANSORBITAL
- REVERSE TOEN
- PANORAMIC
- SUBMENTOVERTEX
- DIGITAL TMJ TOMOGRAPHY
- CT
- MRI
- ARTHROGRAPHY
- USG

4.

- SJOGRENS SYNDROME
- CLASSIFICATION
- CLINICAL FEATURES
- DIAGNOSTIC TESTS
- DIAGNOSTIC CRITERIA
- MANAGEMENT
- ROLE OF PHYSICIAN

5.

### DIGITAL RADIOGRAPHY

- COMPONENTS
- DIRECT DIGITAL SENSORS CCD,CMOS, PSP, BCMD, TFT
- ANALOG TO DIGITAL CONVERTOR
- COMPUTER
- MONITOR OR IMAGE DISPLAY
- PRINCIPLE
- DIAGRAM

6.

**SIALOSIS**

- MECHANISM
- TYPES
- TREATMENT

7.

- NECROTISING SIALOMETAPLASIA
- PATHOGENESIS
- ETIOLOGIC FEATURE
- CAUSATIVE FACTORS
- CLINICAL FEATURE
- TREATMENT AND PROGNOSIS

8.

**SIALOLITHIASIS**

- ETIOLOGY
- MECHANISM
- CLINICAL FEATURES
- EXAMINATION,
- RADIOGRAPHIC PRESENTATION
- MANAGEMENT

9.

**JUG HANDLE VIEW**

- TMJ PROJECTION
- DIAGRAM
- USES
- STRUCTURES SEEN AND IDENTIFIED

10.

- MUMPS
- ETIOLOGY
- CLINICAL FEATURES
- DIAGNOSIS
- MANAGEMENT

# ST. GREGORIOS DENTAL COLLEGE

## ORAL MEDICINE AND RADIOLOGY

### THIRD INTERNAL EXAMINATION

Time :2.5 hours

Max marks:50

#### Long Essays

10\*2

1. Classify maxillary sinus disorders. Describe in detail about maxillary sinusitis and acute sinusitis, its etio pathogenesis, clinical features, diagnosis, radiographic features, differential diagnosis, treatment.
2. Contrast agents and sialography

#### Short Essays

5\*3

3. DD of mixed radiolucent, radiopaque lesions
4. Oral manifestations of HIV
5. Oral manifestation of GI disorder

#### Short Notes

3\*5

6. Antrolith
7. Calcifying epithelial odontogenic tumour
8. arthrography
9. Peptic ulcer and gastric ulcer
10. Adenomatoid odontogenic tumour



## THIRD INTERNAL EXAMINATION-50

1.

- CLASSIFICATION OF MAXILLARY SINUS DISORDERS
- MAXILLARY SINUSITIS AND ACUTE SINUSITIS

ETIOLOGY

CLINICAL FEATURES

DIAGNOSIS

RADIOLOGIC FEATURES

DIFFERENTIAL DIAGNOSIS

TREATMENT

2.

CONTRAST RADIOGRAPHY

- DEFINITION SIALOGRAPHY
- INDICATION CONTRAINDICATION
- ADVANTAGES ,DISADVANTAGES
- CONTRAST AGENTS
  - WATER BASED
  - OIL BASED
  - IDEAL REQUIREMENTS OF CONTRAST MEDIA
- RADIO GRAPHIC FEATURES SIALOGRAPHY

3.

DD OF MIXED RADIOLUCENT, RADIOPAQUE LESIONS

- CLASSIFICATION OF RADIOLUCENT LESIONS OF JAW
  - PERIAPICAL
  - PERICORONAL
  - INTRA RADICULAR
  - MUTILOCCULAR
- CLASSIFICATION OF PERIAPICAL RADIOPAQUE LESIONS OF JAW
  - CONDENSING OSTEITIS
  - CEMENTAL DYSPLASIA
  - HYPERCEMENTOSIS ETC..

4.

ORAL MANIFESTATIONS OF HIV

ORAL MANIFESTATIONS

- LESION STRONGLY ASSOCIATED WITH HIV
- LESS COMMONLY ASSOCIATED WITH HIV
- LESION SEEN IN HIV PATIENTS
- OTHERS

CLINICAL FEATURES

- LGE
- NUG
- NUP
- NUS
- APHTHOUS ULCER ETC.

5.

#### ORAL MANIFESTATION OF GI DISORDERS

- CRONHS DISEASE
- ULCERATIVE COLITIS
- CELIAC DISEASE
- GERD
- GARDENERS SYNDROM
- PEUTZ JEGHERS SYNDROME
- COWDENS DISEASE

6.

- ANTROLITH
- ETIOLOGY
- CLINICAL FEATURE
- RADIOLOGIC FEATURES
- MANAGEMENT

7.

- CEOT
- ETIOLOGY
- CLINICAL FEATURES
- RADIOGRAPHIC FEATURES

8.

#### ARTHROGRAPHY

- INDICATION , CONTRAINDICATION
- TECNQUE
- TYPE
- ADVANTAGES
- DISAVATAGES

9.

- PEPTIC ULCER
- GASTRIC ULCER
- DIFFERENCES IN THE CLINICAL PRESENTATION
- MANGEMENT

10.

#### ADENAMATOID ODONTOGENIC TUMOUR

- ETIOLOGY
- CLINICAL FEATURES
- TYPES
- MANAGEMENT

ST.GREGORIOS DENTAL COLLEGE,CHELAD  
I INTRNAL EXAMINATION  
ORAL MEDICINE AND RADIOLOGY

MAX MARKS:70

TIME:3 HOURS

LONG ESSAY (~~11 X 2 = 22 MARKS~~)

10 x 2

1. CLASSIFY FIBROSSEOUS LESIONS. DESCRIBE THE ETIOLOGY,CLINICAL FEATURES,DIAGNOSIS AND MANAGEMENT OF FIBROUS DYSPLASIA (10 MARKS )
2. DESCRIBE THE WORKING OF X RAY TUBE.DRAW A LABELLED DIAGRAM OF XRAY TUBE((10 MARKS)

SHORT ESSAYS (8X4=32 MARKS)

5 x 4

3. CHERUBISM
4. ANKYLOSIS
5. RADIATION PROTECTION
6. PROPERTIES OF X RAYS

SHORT NOTES (~~4X10=40 MARKS~~)

3 x 10

7. PAGET'S DISEASE
8. PCOD
9. INTERNAL DERANGEMENT OF TMJ
10. RHEUMATOID ARTHRITIS
11. SUBLUXATION
12. INTENSIFYING SCREENS
13. GRIDS
14. FILTER
15. COLLIMATORS
16. TLD BADGE

# FIRST INTERNAL EXAMINATION-70

1.

- CLASSIFICATION FIBROSSEOUS LESION
- FIBROUS DYSPLASIA
  - ETIOLOGY
  - CLINICAL FEATURES
  - DIAGNOSIS
  - MANGEMENT

2.

PRINCIPLE OF X RAY PRODUCTION  
FLOW CHART  
DIAGRAM

3.

CHERUBISM

- ETIOLOGY
- CLINICAL PRESENTATION
- RADIOGRAPHIC FEATURES
- MANAGEMENT

4.

ANKYLOSIS

- TYPES
- ETIOLOGY
- CLINICAL FEATURES
- RADIOGRAPHIC FEATURES
- MANAGEMENT

5.

RADIATION PROTECTION

- OPERATOR
- PATIENT
- ENVIRONMENT

6.

PROPERTIES OF X-RAY

- PHYSICAL
- CHEMICAL
- BIOLOGIC
- PHYSIOCHEMICAL

7.

PAGETS DISEASE

- ETIOLOGY
- CLINICAL FEATURES
- RADIOGRAPHIC FEATURES
- MANAGEMENT

8.

- PCOD
- PERIAPICAL CEMENTOSSEOUS DYSPLASIA
- MIXED RADIOPAQUE-RADIOLEUCENT LESION

9.

INTERNAL DERRANGEMENT OF TMJ

- ADD WITH REDUCTION; CLICKING
- ADD WITHOUT REDUCTION ;CLOSED REDUCTION
- PERFORATION
- PDD

10.

RHEUMATOID ARTHRITIS

- PATHOPHYSIOLOGY
- CLINICAL FEATURES
- DIAGNOSIS
- RADIOGRAPHIC FEATURES
- DIAGNOSIS ,BLOOD TESTS
- MANAGEMENT

11.

SUBLUXATION

- TYPES
- ETIOLOGIC FACTORS
- PRECIPITATING FACTORS
- CLINICAL FEATURE
- MANAGEMENT
- MANUAL REDUCTION METHOD

12.

INTENSIFYING SCREENS

- COMPONENTS
- FUNCTIONS
- MECHANISM
- ADVANTAGES
- DIAGRAM

13.

GRIDS

- COMPOSITION
- PRINCIPLE
- TYPES
- ADVANTAGES
- DISADVANTAGES

14.

FILTERS

TYPES

FUNCTIONS

ADVANTAGE

15.

COLLIMATORS

FUNCTION

TYPES

IDEAL REQUIREMENTS

16.

TLD BADGES

- COMPONENTS
- MECHANISM
- TLD BADGE READING
- APPLICATION
- ADVANTAGES
- DISADVANTAGES

**ST.GREGORIOS DENTAL COLLEGE**

**Q P Code: 411002**

**Reg. No.:** .....

**Final Year Part I Second Internal (IMPROVEMENT/RETEST) BDS Degree Regular/Supplementary Examinations March.2022**

**Oral Medicine and Radiology  
(2016 Scheme)**

**Max marks: 50**

**Time: 2 hrs**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

**(2x10=20)**

**Essays:**

1. Classify Salivary gland disorders. Describe etiopathogenesis, clinical features, diagnosis and management of Pleomorphic adenoma
2. Describe factors modifying effects of radiation. Describe in detail the effects of radiation on oral mucosa, taste buds, muscles and joints, salivary glands, teeth, bone.

**Short Notes:**

**(3x5=15)**

- Dental considerations in respiratory disease  
DD of mixed radiolucent radioopaque lesions
5. Describe the image characteristics in dental radiology

**Answer Briefly:**

**(5x3=15)**

6. Sialadenitis
- Sialolithiasis
8. Odontoma
9. CEOT
10. Mucoepidermoid carcinoma

\*\*\*\*\*

SECOND INTERNAL EXAMINATION MARCH 2022

1.

- CLASSIFICATION OF SALIVARY GLAND DISORDERS
- PLEOMORPHIC ADENOMA
  - ETIOLOGY
  - CLINICAL FEATURES
  - DIAGNOSIS
  - MANAGEMENT

2.

- FACTORS MODIFYING THE EFFECTS OF RADIATION
- EFFECTS OF RADIATION ON
  - ORAL MUCOSA
  - TASTEBUDS
  - MUSCLES
  - JOINTS
  - SALIVARY GLANDS
  - TEETH AND BONE

3.

ORAL MANIFESTATIONS IN PATIENTS WITH RESPIRATORY DISEASE

- XEROSTOMIA
- GINGIVITIS
- ORAL ULCERS
- MOBILITY OF TEETH
- TUBERCULUS ULCER

4.

DD OF MIXED RADIOPAQUE- RADIOLUCENT LESIONS

- AMELOBLASTOMA
- ODONTOGENIC MYXOMA
- OKC
- CENTRAL GAIN T CELL GRANULOMA
- ANUERYSMAL BONE CYST
- HYPER PARATHYROIDISM

5.

CHARACTERISTICS OF DENTAL RADIOGRAPH

- RADIOGRAPHIC DENSITY
- RADIOGRAPHIC CONTRAST
- MAGNIFICATION
- DISTORTION
- SHARPNESS
- DETAIL
- RESOLUTION



6.

**SIALADENITIS**

- ETIOLOGY
- CLINICAL FEATURES
- MANAGEMENT

7.

**SIALOLITHIASIS**

- ETIOLOGY
- CLINICAL FEATURES
- RADIOLOGIC FEATURES
- MANAGEMENT

8.

**ODONTOMA**

- CLINICAL FEATURES
- RADIOLOGIC FEATURES
- MANAGEMENT

9.

**CEOT**

- CLINICAL FEATURES
- RADIOGRAPHIC FEATURES
- MANAGEMENT

10.

**MUCCOEPIDERMOID CARCINOMA**

- ETIOLOGY
- CLINICAL FEATURE
- MANAGEMENT

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 401002

Reg. No.: .....

Final Year Part I Third Internal BDS Degree Supplementary Examinations May 2022  
Oral Medicine and Radiology  
(2010 Scheme)

Time: 3 hrs  
100

Max marks:

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

(2x14=28)

Essays:

1. Classify Orofacial pain. Describe etiopathogenesis, clinical features, diagnosis and management of Trigeminal neuralgia.
2. Describe latent image formation. Describe the composition and functions of Processing solutions.

(4x8=32)

Short Notes:

3. Silography.
4. DD of periapical radiolucencies.
5. DD of endogenous pigmentation.
6. DD of single ulcers.

Answer Briefly:

(10x4=40)

7. Pemphigus vulgaris.
8. MPDS.
9. Atypical odontalgia.
10. Erythema multiformae.
11. Plumbism.
12. Arthrography.
13. Automatic processor.
14. Occlusal radiography.
15. Bitewing technique
16. Radiographic appearance of fibrous dysplasia.

\*\*\*\*\*

THIRD INTERNAL EXAMINATION-2022

1.

- CLASSIFICATION OF OROFACIAL PAIN
- TRIGEMMINEL NEURALGIA
- ETIOLOGY
- CLINICAL FETURES
- DIAGNOSIS
- MANAGEMENT

2.

- STEPS IN LATENT IMAGE FORMATION
- COMPOSITION OF DEVELOPER
- FUCTION OF DEVELOPER
- COMPOSITION OF FIXER
- FUNCTIONS OF A FIXER

3.

- SIALOGRAPHY
- INDICATIONS
- MECHANISM
- CONTRAST MEDIA
- TECHNIQUE
- DIAGNOSIS
- CONTRA INDICATION

4.

DD OF PERIAPICAL RADIOLEUCENCIES

- CLASSIFICATION OF RADIOLUCENT LESIONS OF JAW
  - PERIAPICAL
  - PERICORONAL
  - INTRA RADICULAR
  - MUTILOCLULAR

5.

DD OF ENDOGENOUS PIGMENTATION

- BROWN
- HEME
- BLUE /PURPLE

6.

DD OF SINGLE ULCERS

- APHTHOUS STOMATITIS
- TRAUMATIC ULCER
- TUBERCULOORS ULCER
- SYPHILITIC ULCER
- NECROTIZING SIALOMETAPLASIA
- MALIGNANT ULCER

7.

**PEMPHIGUS VULGARIS**

- ETIOLOGY
- CLINICAL FEATURES
- DIAGNOSIS
- MANAGEMENT

8.

- MPDS
- ETIOLOGY
- CLINICAL FEATURES
- DIAGNOSIS
- MANAGEMENT

9.

**ATYPICAL ODONTALGIA**

- TOOTH PAIN DUE TO UN-IDENTIFIABLE CAUSE

10.

**ERYTHMA MULTIFORME**

- ETIOLOGY
- CLINICAL FEATURES ;TARGET LESION
- DIAGNOSIS
- MANAGEMENT

11.

**PLUMBISM**

- ETIOLOGY ;LEAD POISONING
- CLINICAL FEATURE ;BURTONIAN LINE
- DIAGNOSIS
- MANAGEMENT

12.

**ARTHROGRAPHY**

- MECHANISM
- INDICATION
- ADVANTAGES

13

**AUTOMATIC PROCESSOR**

- PARTS OF IT
- FUNCTION
- MECHANISM
- ADVANTAGE

14.

OCCLUSAL RADIOGRAPHY

- INDICATIONS
- MECHANISM
- LINE OF PROJECTION
- DAIGNOSIS

15.

BITEWING TECHNIQUE

- INDICATIONS
- MECHANISM
- LINE OF PROJECTION
- DIAGNOSIS

16.

RADIOGRAPHIC APPEARANCE OF FIBROUS DYSPLASIA

- GROUND GLASS
- MOTH EATEN
- COTTON WOOL APPEARANCE