



**SYLLABUS**  
For  
**5<sup>th</sup> Semester**  
(Third Professional) BDS



**SUBJECT: ORAL PATHOLOGY**  
**SEMESTER: FIFTH**

LEC. #	TOPICS
	<b>MODULE – I</b>
	<b>Spread of Infection Disorders of Development of Teeth</b>
1	Introduction of Spread of Infection, Facial Spaces
2	Cellulitis, Ludwig Angina
3	Cavernous Sinus Thrombosis, Maxillary Sinusitis
4	Focal Infection
5	Introduction to Disorders of Development of Teeth in Size & Form
6	Enamel Structural Disorders of Development of Teeth
7	Dentine, Cementum Structural Disorders of Development of Teeth
8	Revision 1-Spread of Infection
9	Revision 2- Disorders of Development of Teeth
	<b>Module-I Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – II</b>
	<b>Non Odontogenic Cysts of oral cavity Dental Caries</b>
10	Introduction of Non Odontogenic Cysts of oral cavity
11	Non epithelial lining cyst / Primary bone cyst
12	Developmental Non Odontogenic Cysts
13	Soft tissue Cyst of Oral Cavity / Mucous Retention Cyst, Extravasations Cyst
14	Introduction to Dental Caries , Etiology
15	Classification of Dental Caries
16	Enamel, Dentine, Root Caries
17	Revision 1- Non Odontogenic Cysts of oral cavity
18	Revision 2- Dental Caries
	<b>Module-II Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – III</b>
	<b>Other Developmental Disorders of Teeth, Odontogenic Cysts of Oral Cavity, Premalignant Disorders of Oral cavity</b>
19	Introduction Odontogenic Cysts of Oral Cavity
20	Developmental Odontogenic Cysts of Oral Cavity
21	Inflammatory Odontogenic Cysts of Oral Cavity
22	Disorders of Eruption & Shedding of Teeth / Discoloration of Teeth
23	Non Bacterial loss of teeth / Transplantation / Re-implantation, Age Changes of Teeth
24	Premalignant Conditions of Oral Cavity
25	Premalignant Lesions of Oral cavity
26	Revision 1- Odontogenic Cysts of Oral Cavity
27	Revision 2-Other Developmental Disorders of Teeth , Premalignant Disorders of Oral Cavity
	<b>Module-III Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – I V</b>
	<b>Disorders of Temporomandibular Joint, Malignant Disorders of Oral Cavity</b>
28	Introduction of Disorders of Temporomandibular Joint / Developmental
29	Inflammatory Disorders of Temporomandibular Joint
30	Functional Disorders of Temporomandibular Joint
31	Trismus / Dislocation / Age Changes in Disorders of Temporomandibular Joint
32	Introduction to Malignant Disorders of Epithelial / Connective tissue oral cavity
33	Malignant Disorders of Oral Cavity, Connective tissue origin
34	Malignant Disorders of Oral Cavity, Epithelial tissue origin
35	Revision 1- Disorders of Temporomandibular Joint,
36	Revision 2- Malignant Disorders of Oral Cavity
	<b>Module-IV Test (BCQs, SEQs, INTERACTIVE)</b>



**Subject: ORAL PATHOLOGY (CLINICAL & PRACTICAL WORKS)**

DAY: Tuesday / TIME: 01:30 to 02:30 PM	
PRAC. #	TOPICS
	<b>MODULE – I</b>
1	Spread of Infection
2	Disorders of Development of Teeth
	<b>MODULE – II</b>
3	Non Odontogenic Cysts of oral cavity
4	Dental Caries
	<b>MODULE – III</b>
5	Other Developmental Disorders of Teeth, Premalignant Disorders of Oral Cavity
6	Odontogenic Cysts of Oral Cavity
	<b>MODULE – IV</b>
7	Disorders of Temporo mandibular Joint.
8	Malignant Disorders of Oral Cavity



**SUBJECT: PERIODONTOLOGY  
SEMESTER: FIFTH**

LEC. #	TOPICS
<b>MODULE – I</b>	
1	The normal Periodontium and Influence of aging on Periodontium
2	Etiology of Periodontal Disease and genetic factors associated with Periodontal Disease
3	Classification and Epidemiology of Periodontal Disease
4	Relationship between Periodontal Disease and Systemic Health
5	Influence of systemic disorders, stress and smoking on Periodontium
<b>Module-I Test</b>	
<b>MODULE – II</b>	
6	Microbiology and Pathogenesis of Plaque associated Periodontal Disease
7	Periodontal Medicine
8	Gingival Disease: Acute Necrotizing gingivitis and Chronic Necrotizing Periodontitis
9	Gingival Enlargement
<b>Module-II Test</b>	
<b>MODULE – III</b>	
10	Periodontal Disease, Periodontal Pocket, Bone loss and Patterns of Bone loss
11	Chronic Periodontitis Aggressive Periodontitis
12	Tumors originating from the Periodontium
13	Sonic and Ultrasonic Instruments and normal Instruments
<b>Module-III Test</b>	
<b>MODULE – IV</b>	
14	Diagnosis of Periodontal Disease, Radio Treatment Planning & Prognosis of Periodontal Disease
15	Curettage and Root Planning
16	Periodontal Treatment of Medically compromised patient
17	Periodontal therapy in the female patient
<b>Module-IV Test</b>	

**Subject: PERIODONTOLOGY (CLINICAL & PRACTICAL WORKS IN GROUPS)**

<b>DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon</b>	
PRAC. #	TOPICS
1	History Taking (10 Cases) / Printed History Sheet provided by department
2	Examination of the oral cavity and knowledge of healthy periodontium
3	Examination of the periodontium emphasis should be given towards: a) Gingival bleeding b) Gingival texture c) Gingival consistency d) Gingival swelling (hyperplasia) e) Gingival recession f) Gingival pigmentation and ulceration g) Tooth mobility
4	Instruments for oral cavity examination
5	Instrument for periodontal surgery procedures
6	Dental plaque recognition a) Visualization with naked eye b) Visualization of dental plaque with disclosing agents
7	Dental calculus recognition



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8	Diagnosis of causes related to Periodontal Disease
9	Diagnosis of Gingivitis: a) Acute b) Chronic
10	Diagnosis of Periodontitis a) Clinical b) Radiographic analysis
11	Epidemiological Evaluation for: a) Plaque Index b) Debris Index c) Calculus Index d) Gingival Index e) Sulcus bleeding Index f) Periodontal Index g) Periodontal Destructive Index h) Community Periodontal Index treatment need CPITN
12	Periodontal Pocket measurement method (probing depth)
13	Definition of Periodontal Pocket
14	Classification of Periodontal Pocket a) Supra bony Pocket b) Infra bony Pocket c) False Pocket
15	Radiographic analysis of bone loss and pattern of bone loss in periodontal disease
16	<b>Treatment Planning</b>
	a) Mechanical control of dental plaque: - Motivation education and instructions - Inter dental cleansing aids - Scaling and root planning
	b) Chemical control of dental plaque - Chemotherapeutic agents for topical and systemic administration
	c) Surgical control of dental plaque
17	Local anesthesia in periodontal surgery, Periodontal probing impact and radiographic interpretation
18	Sterilization, universal precautionary measures
19	Periodontal surgical procedures a) Curettage b) Gingivectomy with different modalities c) Flap surgery with different modalities d) Muco-gingival problem
20	Periodontal dressing
21	Periodontal suturing
22	Periodontal treatment of medically compromised patients
23	Diagnosis of occlusal trauma
24	Splinting
25	Case Discussion
26	Case Presentation
	<b>Posting Test</b>



**SUBJECT: ORAL MEDICINE  
SEMESTER: FIFTH**

LEC. #	TOPICS	
1	Bacterial Infections	2
2	Viral Infections	2
3	Candidiasis	2
4	Aphthous and other Ulcerative Lesions	2
5	Immunological Diseases	4
6	Pre-malignant Lesions	2
7	Oral Cancer	2
8	History & Investigation	2
9	Nutritional Deficiencies	1
10	Oral Manifestation of HIV AIDS, Genetic, Metabolic and others	1
11	Significance of History and Investigations in view of foregoing topics	1

**Subject: ORAL MEDICINE (CLINICAL & PRACTICAL WORKS IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	Clerking (History taking) record, diagnosis, management and follow up 05 patients.
2	Clinical Demonstrations (Weekly)
3	Case Discussion (Weekly)
4	Case Presentation (End of Posting)



**SUBJECT: GENERAL SURGERY  
SEMESTER: FIFTH**

LEC. #	TOPICS	TEACHER
<b>SURGICAL UNIT – I</b>		
1	Introduction to Surgery	
2	Tetanus	
3	Gas Gangrene	
4	Tuberculosis	
5	Cervical Lymphadenopathy	
<b>SURGICAL UNIT – II</b>		
6	Other Swelling of Neck	
7	➤ Sabecous Cyst	
8	➤ Cystic Hygroma	
9	➤ Abscess	
10	➤ Carotid Body Tumor	
12	➤ Branchial Cyst	
13	Fluid and Electrolytes	
14	Shock	
<b>SURGICAL UNIT – III</b>		
15	Thyroid	
16	SIRS / MOD	
17	Radio Diagnosis of Neck	
<b>SURGICAL UNIT – IV</b>		
18	Blood Transfusion	
19	Haemorrhage	
20	Trauma	

**Subject: GENERAL SURGERY (CLINICAL & PRACTICAL WORK IN GROUPS)**

<b>DAY: Wednesday / TIME: 11:00 AM to 03:00 PM</b>	
PRAC. #	TOPICS
1	History Taking
2	General Physical Examination
3	Examination of Swelling
4	Examination of Ulcer
5	Examination of Thyroid
6	Salivary Gland
7	Lymph Adenopathy



**SUBJECT: GENERAL MEDICINE  
SEMESTER: FIFTH**

LEC. #	TOPICS	TEACHER
<b>MEDICINE UNIT – I</b>		
1	Ascites	
2	Jaundice	
3	Hepatitis B,C	
4	Cirrhosis	
5	Complications of Cirrhosis	
<b>MEDICINE UNIT – II &amp; Neurology</b>		
6	Malaria	
7	Typhoid Fever	
8	Dengue Fever	
9	Stroke	
10	Meningitis	
11	Cranial Nerve Palsies	
<b>MEDICINE UNIT – III &amp; CARDIOLOGY</b>		
12	Diabetes Mellitus Types, Causes, pathogenesis	
13	Investigation & Treatment of Diabetes	
14	Complication of Diabetes	
15	Hypertension	
16	Ischemic Heart Disease IHD/ Angina & Myocardial Infarction	
17	Rheumatic Fever	
<b>MEDICINE UNIT – IV &amp; PULMONOLOGY</b>		
18	Symptoms of Respiratory System	
19	Chronic Obstruction Pulmonary Disease (COPD)/ Bronchial Asthma	
20	Pulmonary TB	
21	Pleural Effusion	
22	Pneumonia	

**Subject: GENERAL MEDICINE (CLINICAL & PRACTICAL WORKS-IN GROUPS)**

<b>DAY: Friday / TIME: 11:00 to 12:00 Noon (03 PM)</b>			
PRAC. #	TOPICS	UNITS	TEACHERS
1	History Taking Skills	All Units	
2	General Physical Examination	All Units	
3	Abdominal Examination	Medical-I	
4	CNS Examination	Medical-II/ Neurology	
5	CVS Examination	Medical-III	
6	Chest Examination	Medical-IV/ Chest	





**SUBJECT: PROSTHODONTICS  
SEMESTER: FIFTH**

LEC. #	TOPICS
1	Introduction, Objectives, Terminology of RDP
2	Indications, Contraindications and Classification
3	Indications, Contraindications and Classification
4	Parts of Partial Removable Dental Prostheses
5	Parts of Partial Removable Dental Prostheses
6	Diagnosis and Infection control
7	Diagnosis and Infection control
8	Treatment Planning
9	Treatment Planning
10	Impression Materials
11	Impression Materials
12	Impression Procedures for RDP
13	Impression Procedures for RDP
14	Support for the Distal Extension Denture Base
15	Support for the Distal Extension Denture Base

**Subject: PROSTHODONTICS (CLINICAL & PRACTICAL WORKIN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	Introduction of Partial Denture
2	History taking, Examination and Investigations
3	Diagnosis and Treatment Planning
4	Impression taking
5	Designing of Partial Denture
6	Laboratory Procedure
7	Bite Registration
8	Laboratory Procedures
9	Post insertion instructions
10	Follow ups



**SUBJECT: ORAL & MAXILLOFACIAL SURGERY  
SEMESTER: FIFTH**

LEC. #	TOPICS
	<b>1- Local Anesthesia 2- Preoperative Health Status Evaluation 3- Principles of Uncomplicated Exodontia</b>
1	Introduction of Local Anesthesia (Composition, Types)
2	Anatomy and Regional Distribution
3	Infiltration Techniques
4	Block Techniques
5	Preoperative Health Status Evaluation (Medical History + Examination)
6	Management of Patients with Compromised medical Condition ( <b>Cardiovascular Problems</b> )
7	Management of Patients with Compromised medical Condition ( <b>Pulmonary problems</b> )
8	Management of Patients with Compromised medical Condition ( <b>Renal problems</b> )
9	Management of Patients with Compromised medical Condition ( <b>Hepatic problems</b> )
10	Management of Patients with Compromised medical Condition ( <b>Endocrine problems</b> )
11	Management of Patients with Compromised medical Condition ( <b>Hematological problems</b> )
12	Management of Patients with Compromised medical Condition ( <b>Neurologic problems</b> )
13	Management of Pregnant , Postpartum patient
14	Principles of Uncomplicated Exodontia. <b>Indication / Contraindications for Removal of Teeth</b>
15	Clinical Evaluation & Radiographic Examination Of Teeth for Removal
16	Chair Position / patient Position for Teeth Removal
17	Specific Techniques For Removal of Each Tooth
18	Post extraction Tooth socket Care

**Subject: ORAL & MAXILLOFACIAL SURGERY (CLINICAL & PRACTICALWORK IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	History taking
2	Oral surgery instruments and their uses
3	Chair position, Patient position
4	Technique of L.A infiltration
5	Extraction of mobile anterior tooth



**SUBJECT: OPERATIVE DENTISTRY**  
**SEMESTER: FIFTH**

LEC. #	TOPICS
	<b>MODULE – I</b>
	<b>Preliminary consideration in operative dentistry</b>
1	Infection Control
2	Infection Control
3	Mercury hazards
4	Handling of mercury
	<b>Module-I Test</b>
	<b>MODULE – II</b>
	<b>Preliminary consideration in operative dentistry</b>
5	Chair positioning
6	History taking
7	Intra-oral examination
8	Intra-oral examination
	<b>Module-II Test</b>
	<b>MODULE – III</b>
	<b>Assessment of Dental Problems</b>
9	Caries
10	Erosion
11	Abrasion & Abfraction
12	Attrition
	<b>Module-III Test</b>
	<b>MODULE – IV</b>
	<b>Diagnosis &amp; Treatment Planning</b>
13	Case Selection
14	Treatment strategy of dental caries
15	Material selection
16	Aesthetic consideration
	<b>Module-IV Test</b>

**Subject: OPERATIVE DENTISTRY (CLINICAL & PRACTICAL WORKS-IN GROUPS)**

<b>DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon</b>	
PRAC. #	TOPICS
1	Instrument demonstration
2	Chair position demonstration
3	History taking and examination
4	Caries detection and Diagnosis
5	Caries risks assessment
6	Radiographic interpretation of dental caries
7	Infection control and sterilization
8	Isolation
9	Class-I cavity: Preparation and Restoration



**SYLLABUS**  
For  
**6<sup>th</sup> Semester**  
(Third Professional) BDS



**SUBJECT: ORAL PATHOLOGY**  
**SEMESTER: SIXTH**

LEC. #	TOPICS
	<b>MODULE – I</b>
	<b>Disorders of Pulp</b> <b>Odontogenic Tumors of Oral Cavity</b> <b>Healing of Tissues, Biopsy</b>
1	Introduction to Disorders of pulp, Etiology,
2	Classification of pulpitis, Pulp polyp, Pulp Healing
3	Pulp calcification, Necrosis, Age changes
4	Introduction to Biopsy, Types, Indication
5	Healing of Hard & soft tissues of Oral Cavity
6	Introduction of Odontogenic Tumors of Oral Cavity
7	Epithelial origin Odontogenic Tumors of Oral Cavity
8	Connective / Mixed Origin Odontogenic Tumors of Oral Cavity
9	Revision 1- Disorders of Pulp / Healing / Biopsy
10	Revision 2- Odontogenic Tumors of Oral Cavity
	<b>Module-I Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – II</b>
	<b>Disorders of Periapical Periodontitis</b> <b>Non Odontogenic Tumors / Tumor like proliferation of oral Cavity</b>
11	Introduction to Disorders of Periapical Periodontitis
12	Etiology of Disorders of Periapical Periodontitis
13	Classification Disorders of Periapical Periodontitis
14	Management Disorders of Periapical Periodontitis
15	Introduction to Non Odontogenic Tumors of Oral Cavity
16	Benign Tumors / Tumor like proliferation of oral Cavity
17	Connective tissue Swelling of Oral Cavity
18	Epulis of Oral Cavity
19	Revision 1- Disorders of Periapical Periodontitis
	Revision 2- Non Odontogenic Tumors of Oral Cavity
	<b>Module-II Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – III</b>
	<b>Disorders of Bone</b> <b>Diseases of Salivary Gland</b> <b>Allergic Conditions of Oral Cavity</b>
20	Introduction of Disorders of Bone, Inherited Disorders
21	Developmental / Other Disorders of Bone (Inflammatory, Torus, Bony Extosis)
22	Introduction of Diseases of Salivary Gland, Developmental, Inflammatory
23	Obstructive Diseases of Salivary Gland
24	Autoimmune Diseases of Salivary Gland
25	Introduction to Allergic Conditions of Oral Cavity / Recurrent Aphthous Stomatitis / Perioral Dermatitis
26	Drug allergy / Angioedema / Contact Stomatitis with Dental materials
27	Revision 1- Disorders of Bone
28	Revision 2- Diseases of Salivary Gland / Allergic Conditions of Oral Cavity
	<b>Module-III Test (BCQs, SEQs, INTERACTIVE)</b>
	<b>MODULE – I V</b>
	<b>Tumors of Salivary Gland / Immunological Conditions of Oral Cavity</b> <b>Metabolic &amp; Endocrine Disorders of Bone</b>
29	Introduction to Tumors of Salivary Gland
30	Benign Tumors of Salivary Gland, Pleomorphic Adenomas / Others



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31	Malignant Tumors of Salivary Gland / Mucoepidermoid Carcinoma / Others
32	Endocrine Disorders of Bone
33	Metabolic Disorders of Bone
34	Introduction to Immunological Conditions of Oral Cavity / Sarcoidosis
35	Behcets Syndrome / Reiter syndrome
36	Wagener's Granulomatosis / Midline Lethal Granuloma
37	Revision 1- Tumors of Salivary Gland
38	Revision 2-Immunological Conditions of Oral Cavity /Metabolic & Endocrine Disorders of Bone
	<b>Module-IV Test (BCQs, SEQs, INTERACTIVE)</b>

**Subject: ORAL PATHOLOGY (PRACTICAL WORKS)**

<b>DAYS: Tuesday 02:00 to 03:00 PM</b>	
<b>PRAC. #</b>	<b>TOPICS</b>
	<b>MODULE – I</b>
1	Odontogenic Tumors of Oral Cavity
	<b>MODULE – II</b>
2	Non Odontogenic Tumors of Oral Cavity
	<b>MODULE – III</b>
3	Diseases of Salivary Gland
4	Disorders of Bone
	<b>MODULE – IV</b>
5	Tumors of Salivary Gland



**SUBJECT: PERIODONTOLOGY  
SEMESTER: SIXTH**

LEC. #	TOPICS
	<b>MODULE – I</b>
1	Periodontics Endodontic Relationship
2	Nonsurgical therapy Chemotherapeutic agents
3	Impact of periodontal infection on system
4	Technical & Biophysical aspect of crown and Bridge therapy
	<b>Module-I Test</b>
	<b>MODULE – II</b>
5	Trauma Occlusion, Occlusal Evaluation and Therapy
6	Adjunctive Role of Orthodontic therapy and orthodontic tooth movement
7	Surgical therapy: Gingival Surgical Technique in Periodontal Therapy
8	Treatment of Gingival Enlargement
	<b>Module-II Test</b>
	<b>MODULE – III</b>
9	The Periodontal Flap Technique for Pocket therapy
10	Periodontal Surgery: Objectives, Indications and Techniques for Periodontal Pockets, Evaluation of new attachment and Periodontal reconstruction
11	Furcation involvement and treatment
12	Gingival Recession and Gucogingival Surgery
	<b>Module-III Test</b>
	<b>MODULE – IV</b>
13	Periodontal Plastic and Aesthetic Surgery
14	Oral Implants (Periodontal Aspects)
15	Periodontal Splinting and Periodontal Dressings (Periodontal Packs), Pocket Irrigator
	<b>Module-IV Test</b>

**Subject: PERIODONTOLOGY (CLINICAL & PRACTICAL WORKS IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
	History Taking (10 Cases) / Printed History Sheet provided by department
	Examination of the oral cavity and knowledge of healthy periodontium
	Examination of the Periodontium emphasis should be given towards: <ul style="list-style-type: none"> <li>a) Gingival bleeding</li> <li>b) Gingival texture</li> <li>c) Gingival consistency</li> <li>d) Gingival swelling (hyperplasia)</li> <li>e) Gingival recession</li> <li>f) Gingival pigmentation and ulceration</li> <li>g) Tooth mobility</li> </ul>
	Instruments for oral cavity examination
	Instruments for periodontal surgery procedures
	Dental plaque recognition <ul style="list-style-type: none"> <li>a) Visualization with necked eye</li> <li>b) Visualization of dental plaque with discosingagents</li> </ul>
	Dental calculus recognition
	Diagnosis of causes related to Periodontal Disease
	Diagnosis of Gingivitis: <ul style="list-style-type: none"> <li>a) Acute</li> </ul>



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	b) Chronic
	Diagnosis of Periodontitis a) Clinical b) Radiographic analysis
	Epidemiological Evaluation for a) Plaque Index b) Debris Index c) Calculus Index d) Gingival Index e) Sulcus bleeding Index f) Periodontal Index g) Periodontal Destructive Index h) Community Periodontal Index treatment need CPITN
	Periodontal Pocket measurement method (probing depth)
	Definition of Periodontal Pocket
	Classification of Periodontal Pocket a) Supra bony Pocket b) Infra bony Pocket c) False Pocket
	Radiographic analysis of bone loss and pattern of bone loss in periodontal disease
	Treatment Planning
	a) Mechanical control of dental plaque - Motivation education and instructions - Inter dental cleansing aids - Scaling and root planning
	b) Chemical control of dental plaque - Chemotherapeutic agents for topical and systemic administration
	c) Surgical control of dental plaque
	Local anesthesia in periodontal surgery, Periodontal probing impact and radiographic interpretation
	Sterilization, universal precautionary measures
	Periodontal surgical procedures a) Curettage b) Gingivectomy with different modalities c) Flap surgery with different modalities d) Muco-gingival problem
	Periodontal dressing
	Periodontal suturing
	Periodontal treatment of medically compromised patients
	Diagnosis of occlusal trauma
	Splinting
	Case Discussion
	Case Presentation
	Posting Test





**SUBJECT: ORAL MEDICINE  
SEMESTER: SIXTH**

LEC. #	TOPICS	
1	Salivary Gland Disease	2
2	Facial Pain	2
3	Psychosomatic Disorders and TMJ Dysfunction	2
4	Oral Manifestation of HIV AIDS, Genetic, Metabolic and others	1
5	Oral Manifestations of Hematological Disorders Oral Manifestations of Skin Diseases	3
6	Oral Manifestations of Neurological Disorders	2
7	Oral Manifestations of Endocrine Disorders Oral Manifestations of Connective Tissue Disease	3
8	Gastroenterology and liver disease	1
9	Genetic and Metabolic and others	

**Subject: ORAL MEDICINE (CLINICAL & PRACTICAL WORKS- IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	Clerking (History taking) record, diagnosis, management and follow up 05 patients.
2	Clinical Demonstrations (Weekly)
3	Case Discussion (Weekly)
4	Case Presentation (End of Posting)



**SUBJECT: GENERAL SURGERY  
SEMESTER: SIXTH**

LEC. #	TOPICS	TEACHER
<b>SURGICAL UNIT – I</b>		
1	Ulcer / Cyst	
2	Fistula / sinus	
3	Burns	
4	Skin Tumours	
<b>SURGICAL UNIT – II</b>		
5	Plastic and Reconstructive Surgery	
6	Cleft Lip and Plate	
7	Wound Infection	
8	Scar and Keloid	
<b>SURGICAL UNIT – III</b>		
8	Congenital Anomalies of Face	
10	Oropharyngeal Cancer	
11	Carcinoma Tongue	
12	Ulcers of Oral Cavity	
<b>SURGICAL UNIT – IV</b>		
13	Anesthesia	
14	Pain Relief in Surgery	
15	Tumours of Mandible	
16	Fractures of Mandible / Maxilla	

**Subject: GENERAL SURGERY (CLINICAL & PRACTICAL WORK IN GROUPS)**

<b>DAY: Wednesday / TIME: 11:00 AM to 03:00 PM</b>	
PRAC. #	TOPICS
1	History Taking
2	General Physical Examination
3	Examination of Swelling
4	Examination of Ulcer
5	Examination of Thyroid
6	Salivary Gland
7	Lymph Adenopathy



**SUBJECT: GENERAL MEDICINE  
SEMESTER: SIXTH**

LEC. #	TOPICS	TEACHER
<b>MEDICINE UNIT - I</b>		
1	Bleeding Disorders	
2	Iron Deficiency Anemia	
3	Megaloblastic Anemia	
4	Acute Leukemia	
5	Chronic Leukemia	
6	Acute Poisoning	
7	Medical emergencies & Snake Bite	
<b>MEDICINE UNIT - II</b>		
8	Hyperthyroidism	
9	Hypothyroidism	
10	Rheumatoid Arthritis Systemic lupus erthematosi	
11	Osteoporosis	
<b>MEDICINE UNIT – III/ Cardiology/</b>		
12	Mitral Valve Disease	
13	Congestive Cardiac Failure Bacterial Endocarditis	
14	<b>Medical Unit-III/ Nephrology</b>	
15	Glomerulonephritis	
16	Acute Renal Failure	
17	Chronic Renal Failure Electrolytes Abnormalities	
<b>MEDICINE UNIT – IV</b>		
18	Peptic Ulcer	
19	Gastro-oesophageal Reflux Disease (GERD)/ Peptic Ulcer	
20	Chronic Diarrhea / Malabsorption	
21	Acute Gastroenteritis	
22	Nutritional Deficiencies	
23	Vitamin Deficiencies	

**Subject: GENERAL MEDICINE (CLINICAL & PRACTICAL WORKS-IN GROUPS)**

<b>DAY: Friday / TIME: 11:00 to 12:00 Noon (03 PM)</b>			
PRAC. #	TOPICS	UNITS	TEACHERS
1	History Taking Skills	All Units	
2	General Physical Examination	All Units	
3	Abdominal Examination	Medical-I	
4	CNS Examination	Medical-II & Neurology	
5	CVS Examination	Medical-III	
6	Chest Examination	Medical-IV & Pulmonology.	



**SUBJECT: PROSTHODONTICS  
SEMESTER: SIXTH**

LEC. #	TOPICS
1	Major and Minor Connectors
2	Rests and Rest Seats
3	Direct Retainers and Indirect Retainers
4	Direct Retainers and Indirect Retainers
5	Denture Base Considerations
6	Principle of RDP Design
7	Principle of RDP Design
8	Surveying
9	Surveying
10	Lab Procedures for Casting
11	Initial Placement, Adjustment and Servicing of the RDP
12	Temporary Removable Partial Denture
13	Types of Removable Partial Denture
14	Types of Removable Partial Denture
15	Types of Removable Partial Denture
	<b>Test</b>

**Subject:           PROSTHODONTICS (CLINICAL & PRACTICAL WORK IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	Introduction to Partial Denture
2	History taking, Examination and Investigations
3	Diagnosis and Treatment Planning
4	Impression taking
5	Designing of Partial Denture
6	Laboratory Procedure
7	Bite Registration
8	Laboratory Procedures
9	Post insertion instructions
10	Follow ups



**SUBJECT: ORAL & MAXILLOFACIAL SURGERY**  
**SEMESTER: SIXTH**

LEC. #	TOPICS
	<b>1- Local Anesthesia</b> <b>2- Prevention and Management of Medical Emergencies</b> <b>3- Principles of Complex Exodontia</b> <b>4- Radiology &amp; its clinical uses</b>
1	Complications of Local Anesthesia
2	Management of Complications of Local Anesthesia
3	Introduction to Prevention and Management of Medical emergencies
4	Medical Emergency ( <b>Hypersensitivity reaction</b> )
5	Medical Emergency ( <b>Chest discomfort</b> )
6	Medical Emergency ( <b>Respiratory Difficulty</b> )
7	Medical Emergency ( <b>Foreign-Body Aspiration</b> )
8	Medical Emergency ( <b>Hyperventilation</b> )
9	Medical Emergency ( <b>Altered Consciousness</b> )
10	Medical Emergency ( <b>Diabetes Mellitus</b> )
11	Medical Emergency ( <b>Thyroid Dysfunction</b> )
12	Medical Emergency ( <b>Adeneral insufficiency</b> )
13	Medical Emergency ( <b>Seizure</b> )
14	Medical Emergency ( <b>Cerebero vascular Compromise</b> )
15	Principles of Flap Design , Development & Management
16	Principles of Suturing
17	Principles & Techniques for Open Extraction
18	Technique for Multiple Extraction
19	Radiology & its clinical uses

**Subject: ORAL & MAXILLOFACIAL SURGERY (CLINICAL & PRACTICAL WORKS- IN GROUPS)**

DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon	
PRAC. #	TOPICS
1	Technique of block anesthesia
2	Mobile posterior tooth Extraction
3	Firm anterior tooth Extraction
4	Firm Posterior tooth Extraction
5	Suturing Technique



**SUBJECT: OPERATIVE DENTISTRY**  
**SEMESTER: SIXTH**

LEC. #	TOPICS
	<b>MODULE - I</b>
	<b>Instruments &amp; nomenclature</b>
1	Hand instruments used in operative dentistry
2	Rotary instrument
3	Current instruments used for cavity preparation
4	Rubber dam
	<b>Module-I Test</b>
	<b>MODULE – II</b>
	Preliminary consideration of operative dentistry
5	Pain control & local anesthesia
6	Isolation
7	Soft tissue management
8	Patient handling & Consent
	<b>Module-II Test</b>
	<b>MODULE – III</b>
	<b>Principles of Cavity Preparation</b>
9	Principles of cavity preparation
10	Steps of cavity preparation
11	Steps of cavity preparation
12	Modern concept of cavity preparation
	<b>Module-III Test</b>
	<b>MODULE – IV</b>
	<b>Restorative Materials</b>
13	Material properties
14	Amalgam
15	Composite
16	Glass-ionomers
	<b>Module-IV Test</b>

**Subject: OPERATIVE DENTISTRY (CLINICAL & PRACTICAL WORK IN GROUPS)**

<b>DAYS: Monday, Tuesday and Thursday / TIME: 08:30 to 12:00 Noon</b>	
PRAC. #	TOPICS
1	Instrument demonstration
2	Chair position demonstration
3	History taking and examination
4	Caries detection and Diagnosis
5	Caries risks assessment
6	Radiographic interpretation of dental caries
7	Infection control and sterilization
8	Isolation
9	Class-I cavity: Preparation and Restoration



## **NOTE / INSTRUCTIONS**

- 75% ATTENDANCE IS MANDATORY FOR ELIGIBILITY OF EXAMINATION FORM
- IN CASE OF LECTURE IS NOT DELIVERED IT WILL BE COVERED AS EXTRA LECTURE WITH OTHER TOPIC
- ALL THE GROUPS WILL BE TAUGHT THE SAME TOPICS BY SEPRATE GROUP TEACHER
- AFTER EIGHT WEEKS THERE WILL BE UNIT TEST IN ALL SUBJECTS SEPRATELY
  - COMPRISING OF A THEORY PAPER BCQ's AND SHORT ESSAY
  - FOLLOWED BY OSCE /OSPE EXAMIANTION
- AFTER SIXTEEN WEEKS AND TWO WEEKS PREAPRATION LEAVE THERE WILL BE SEMSTER EXAMIANTION IN ALL SUBJECTS SEPRATELY + THREE TAGED SUBJECTS
  - COMPRISING OF A THEORY PAPER 35-BCQ's AND 6/8 SHORT ESSAY QUESTIONS
  - FOLLOWED BY VIVA VOCE/OSPE EXAMIANTION



## **BOOKS RECOMMENDED**

### **ORAL PATHOLOGY**

1. Shafer's Textbook of Oral Pathology 6th Edition.
2. Soams & Southam Text Book of Oral Pathology 4<sup>th</sup> Edition.
3. Regezi Oral **Pathology: Clinical Pathologic Correlations, 5th Edition**
4. **Cawson's** Essentials of **Oral Pathology and Oral Medicine, 8th Edition.**

### **PERIODONTOLOGY**

1. Textbook of Clinical Periodontology (Newman Takei Carranza) by Carranza's
2. Textbook of Clinical Periodontology by Jain Linb

### **ORAL MEDICINE**

1. Burket's Oral Medicine latest edition
2. Cawsons Intro to Oral Pathology and Oral Medicine

### **GENERAL SURGERY**

1. Bailays and Loves Short Practice of Surgery Vol-I. & Vol-II
2. A Manual of Clinical Surgery (S.Das)

### **GENERAL MEDICINE**

1. Bailays and Loves Short Practice of Medicine Vol-I. & Vol-II

### **PROSTHODONTICS**

1. MacCraken's Removable Partial Dentures
2. Boucher's Treatment of Partially Edentulous patients by Gavin P Renner
3. Miller's Removable Partial Dentures
4. Designing Removable Partial Dentures by John Osborn
5. Atlas of Removable Partial Dentures by Devenport

### **ORAL & MAXILLOFACIAL SURGERY**

1. Contemporary Oral & Maxillofacial Surgery 6<sup>th</sup> Edition, By James R. Hupp
2. Text Book of Local Anesthesia By Geofry
3. Text Book of Local Anesthesia 5th Edition By Malamad

### **OPERATIVE DENTISTRY**

1. Art & Science of Operative Dentistry