Dental Medicine

DEGREE STANDARD

I. GENERAL ANATOMY INCLUDING ORAL ANATOMY AND HISTORY
1. Development of face, jaws, tongue, salivary glands.
2. Development of teeth and surrounding structures.
3. Study or cranial nerves 5, 7, 9th with emphasis on extra cranial course.
5. Microscopic anatomy of hard and soft tissue of teeth and associated structures oral Mucosa, lip and tongue.
6. Eruption and shedding of deciduous and permanent teeth.
8. Age changes in teeth and associated structures.
9. Fundamental of genetics and

II. General Physiology Including Oral Physiology and Biochemistry
1. The cell and their components and functions
2. Physiology of pain
5. Urine - Volume and mechanism of formation.
6. Digestion in the mouth, stomach and intestines.
7. Respiratory system Mechanics Anexia types Artificial Respiration.
8. Endocrine - Throid and parathyroid, Adrenal gland.

Bio - Chemistry
1. Regulation of Blood sugar.
2. Diabetic state.
3. Vitamins A D K B B1 AND C, E
Dental Medicine

5. Proteins.
6. Enzymes.

III A. General Pathology
Inflammation Acute and Chronic Repair Haemorrhage, shock, embolism, gangrene Pathology of common diseases like tuberculosis, Leprosy, Syphilis and Common Viral infections including AIDS & Hepatitis, Epidemic infections Hospital infections. Metabolic disorders: Rickets, Scurvy, Diabetic Melitus.
Hyper sensitivity & allergy

III B. General Microbiology
1. Disinfection and sterilization
2. Normal oral flora
3. Humeral and Cellular immunity a Microbiology of dental caries
4. Microbiology of Periodontal disease
5. General Properties of fungi.
7. General properties of virus
8. Virusus of Mico cutaneous origin.

IV General Pharmacology including Dental Materia Medica
1. general Pharmacological Principles.
2. Drug reaction.
3. General and Local anaesthetics.
4. Histamins and antihistamines.
5. coagulants and anti coagulants.
6. antiseptics astringent obtundents. Dentifrics, Mouth washes and disclosing agents.
7. Antibiotics.

V General Medicine
1. Definition of diagnosis, Prognosis, History.
3. Stomatitis, glossitis, gastritis Diarrhoe.
5. Jaundice, viral hepatitis, Cirrhosis liver.
6. Gangestive heart failure, left Ventricular failure
7. Hypertension Lung-Ancess, Pulmonary Empolism, Tuberculosis,
8. Respiratory failure.
10. Luckomia.
11. Metabolic Disorders.
Dental Medicine

VI General Surgery
1. Treatment infections Acute and Chromic, Abcess Carbuncle Sinus
2. Fistula, Ulcaeration Gangrene, Cellulitis, Eryspeias, Canerum Oris, Tetanus
3. Wounds Complications Treatment-Cysts and new growth of oral cavity

PAPER -II

CLINICAL DENTISTRY A. ORAL MEDICINE, ORAL PATHOLOGY, ORAL SURGERY AND DENTAL RADIOLOGY
1. Common diseases of teeth and para oral tissue.
2. Salient aspects of dental and oral infections.
3. Systemic Diseases in relation of dentistry
4. Common Hyperplastic, Neoplastic, Cystic and pre cancerous lesions of the oral and para oral regions and their management.
5. Common antibiotics, analgesics, antiinflammatory, and anaesthetic agents used in dentistry.
7. Differential diagnosis of oral-facial pain (common lesions only)
8. Extraction of teeth and related problems.
9. Important aspects of trauma of teeth, fracture of jaws and facial skeleton.

B. PERIODONTEA, COMMUNITY AND PREVENTIVE DENTISTRY
1. Salient aspects of periodontal Disease and its management.

C. CONSERVATIVE DENTISTRY, ENDODONTICS, AND PROSTHETIC DENTISTRY
1. Rationale of conservative procedure and update of restorative materials.
3. Salient aspects of the principles and technique of
4. Construction of various type of dentures and (Removable and fixed) and allied prosthesis including update of materials.

D. ORTHODONTIA AND PAEDODONTIA