

If it is necessary to hold Preliminary Test (PT) for the post of Dental Surgeon, Gujarat Medical Service, Class-II, the syllabus of PT shall be as follows.

Total Marks : 200,

Medium : English,

Time : 50 Minutes

PROSTHETIC DENTISTRY

Introduction and scope of complete denture, Principles of retention and stability, Principles of impression making, Jaw-relations and methods of registration, Artificial tooth-their selection and arrangements and esthetics, Occlusion and articulation in complete denture, Repair, rebasing and relining, Components of removable partial dentures and their function, Impression procedures, Acrylic partial denture, Immediate partial dentures.

CONSERVATIVE DENTISTRY & PEDODONTICS

Oral hygiene in relation to conservative dentistry, Cavities, classification and nomenclature, choice of filling materials, Principles of cavity preparation, control of pain, prevention of damage to hard and soft tissues during operative procedures. Methods employed for exclusion of saliva, Rationals of endodontion therapy, Diagnostic aids to endodontics, Bleaching of teeth, Biological factors responsible for maintenances of Dental and Oral Health, Child psychology and management of child patient, Teething disorders., Dental caries in children, Restorative dentistry.

ORAL SURGERY

Properties of an ideal local anesthetic drug, Properties of general anesthetic drugs commonly used, Evaluation of a patient for general anesthesia, Definition and Scope, Diagnosis in Oral Surgery, (a) History taking, (b) Clinical Examination (c) Statistical investigation, Importance of general condition of the patient in relation to Oral Surgery, Treatment planning, Sterilization, Use of antibiotics in Oral Surgery, Diagnosis, pre-operative assessment and treatment of impacted tooth, Pre-prosthetic Surgery, Surgical aid to Orthodontics, Oro-facial infections their diagnosis and treatment, Inflammatory diseases of Jaw, bone and their management, Diagnosis and management of Cysts of Oral Cavity, Diagnosis and treatment of the fractures of the mandible, Diseases of maxillary sinus with special reference to cro-antral fistula, Management of haemorrhage in oral Surgery, Surgical aspects of histopathological diagnosis, Oral Surgical Complication and their management, Diseases of temperomandibular joint, such as arthritic, hypoplasia, subluxation, dislocation, ankylosis. Other causes of inability to open the mouth, Affections of trigeminal and facial nervous

PERIODONTICS & ORTHODONTICS

Maintenance of Health-Role and scope of physiotherapy measures, Gingival enlargement, Degenerative conditions- Gingivitis and periodontitis, Atrophic conditions affecting gingival and periodontal tissues, Treatment of all gingival and periodontal disturbances. Treatment planning. Phases and rationale. Different available therapeutic procedures. Healing Mechanism, Drugs in Periodontics, Splints, Normal occlusion and its characteristics. Factors responsible for establishment and maintenance of normal occlusion., Malocclusion-type and different classification, Actiology of malocclusion.

ORAL MEDICINE AND RADIOLOGY

Scope and importance of the subject, Methods of diagnosis including special investigations, Acute infections of oral and para-oral structures, Blood dyscrasias and their management., Management of cardiac patient in dentistry Oral sepsis and its effect on general system, Facial Pain, Cysts and tumors of the oral cavity, Oral Manifestations of dermatological and other systemic disturbances, Immune concepts of oral lesions, Techniques of intra-oral and extra-oral Radiography and normal anatomical landmarks, Radiological interpretation of abnormal dental and jaw conditions