

SYLLABUS FOR THE POST OF DENTIST (PRELIMINARY MCQS BASED WRITTEN EXAM)

Examination Scheme

Objective Type Multiple Choice Questions (MCQs)

Test Component	Number of Questions	Maximum Marks
General Dental Sciences and Basic Medical Subjects	40	40
Clinical Dental Subjects	50	50
General Awareness, Ethics and Computer Knowledge	10	10
Total	100	100

Nature Examination: Objective Type MCQs

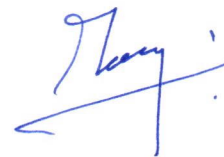
Standard of Examination: BDS Graduation Degree Level

Medium of Examination: English and Hindi wherever applicable

Detailed Syllabus:

Section I: General Dental Sciences and Basic Medical Subjects: 40 Marks

Topic	Subtopics
Human Anatomy, Embryology and Histology	Gross Anatomy, Head and Neck Anatomy, Embryology, Osteology, Histology
Human Physiology and Biochemistry	Blood, Cardiovascular System, Respiratory System, Digestive System, Endocrine System, Nerve and Muscle Physiology, Metabolism, Enzymes
Dental Anatomy, Embryology and Oral Histology	Tooth Morphology, Occlusion, Oral Tissues, Development of Teeth
General Pathology and Microbiology	Cell Injury, Inflammation, Immunity, Infection, Bacteriology, Virology, Sterilization and Disinfection



General and Dental Pharmacology	General Pharmacology, Antibiotics, Analgesics, Local Anaesthetics, Emergency Drugs
Dental Materials	Dental Cements, Impression Materials, Restorative Materials, Gypsum Products, Casting Alloys
Oral Pathology and Oral Microbiology	Oral Lesions, Cysts, Tumors, Precancerous Conditions, Oral Cancer
General Medicine	Cardiovascular Disorders, Diabetes Mellitus, Hypertension, Respiratory Diseases, Medical Emergencies
General Surgery	Wound Healing, Shock, Sterilization, Surgical Infections, Surgical Management Principles
Biochemistry and Nutrition	Vitamins, Minerals, Nutrition and Dietetics relevant to Oral Health
Microbiology and Infection Control	Cross Infection Control, Biomedical Waste Management, Universal Precautions

Section II: Clinical Dental Subjects: 50 Marks

Topic	Subtopics
Conservative Dentistry and Endodontics	Dental Caries, Cavity Preparation, Restorative Procedures, Root Canal Treatment, Aesthetic Dentistry
Oral and Maxillofacial Surgery	Tooth Extraction, Impactions, Minor Oral Surgical Procedures, Management of Orofacial Infections, Medical Emergencies
Prosthodontics and Crown & Bridge	Complete Dentures, Partial Dentures, Fixed Prosthodontics, Maxillofacial Prosthesis, Implant Prosthodontics
Periodontology	Gingivitis, Periodontitis, Scaling and Root Planing, Periodontal Surgery, Oral Prophylaxis
Orthodontics and Dentofacial Orthopaedics	Malocclusion, Preventive and Interceptive Orthodontics, Removable Appliances
Oral Medicine and Radiology	Oral Diagnosis, Oral Manifestations of Systemic Diseases, Oral Cancer, Radiographic Interpretation
Paediatric and Preventive Dentistry	Child Psychology, Preventive Dentistry, Fluoride Therapy, Pulp Therapy, Space Maintainers

Public Health Dentistry	Epidemiology, Biostatistics, National Oral Health Programmes, Dental Health Education, Community Dentistry
Oral Implantology	Basics of Implantology, Osseointegration, Implant Supported Prosthesis
Forensic Odontology	Age Estimation, Dental Identification, Bite Mark Analysis
Dental Emergencies	CPR, Basic Life Support, Management of Syncope, Anaphylaxis, Hemorrhage
Infection Control and Sterilization	Sterilization Methods, Disinfection Protocols, Clinical Safety Measures

Section III: General Awareness, Ethics and Computer Knowledge: 10 Marks

Topic	Subtopics
General Awareness	Current Affairs, Government Health Schemes, National Health Programs
Dental Ethics and Jurisprudence	Professional Ethics, Dental Council Regulations, Consent, Legal Responsibilities
Computer Fundamentals	MS Office, Hospital Information Systems, Electronic Records, Internet and Email Usage