

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Describe the development, anatomical relations and nerve supply of parotid gland.
2. Describe the paranasal air sinuses and their relationship with oral cavity.

SHORT ESSAY**6 X 10 = 60 Marks**

3. RBC morphology and functions.
4. Influence of hormones on oral health.
5. Principles of research methodology.
6. Endocrine effects on sugar level in diabetes.
7. AIDS and its manifestations.
8. Osmosis.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Define epidemiology, role of it in control of communicable diseases in India.
2. Define Primary Health Care. Enumerate elements and principles of Primary Health Care.

SHORT ESSAY

6 X 10 = 60 Marks

3. Millennium Development Goals.
4. Sensitivity and Specificity.
5. Critically evaluate various audio-visual aids.
6. Components of environmental health. How are they related to community health?
7. Group health education methods.
8. Demographic trends in India.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss the needs and applicability of different payment plans for oral health care in India.
2. Discuss the importance of knowledge of social sciences including psychology in dental public health

SHORT ESSAY**6 X 10 = 60 Marks**

3. Contract laws.
4. Oral diseases are behavioural diseases – Justify.
5. Consumer Protection Act.
6. Incremental and comprehensive dental care.
7. Iatrogenic oral diseases and their prevention.
8. Role of the community in maintenance of good oral health.

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Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Application of indices in dental epidemiological investigations. Discuss their critical evaluation.
2. Discuss the importance of school Dental Health Programmes and their application in Indian scenario.

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PAPER I - (Revised Scheme 2)

Q.P. CODE : 9415

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Explain development, formation, structure, chemical composition and physical properties of enamel.
2. Explain protection of clinical personal from hepatitis B infection related to Dental procedure.

SHORT ESSAY

6 X 10 = 60 Marks

3. Properties of Dental Composites.
4. Diagnosis of proximal caries.
5. Significance of tooth contour and contacts.
6. Discuss properties of Direct filling Gold.
7. Evaluate high speeds in dentistry.
8. Discuss shade selection in esthetic restorative procedure.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss the various non rotary instrumentation methods of cavity preparation.
2. Explain deep caries management and discuss the various pulp capping agents.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Posterior indirect restorations.
4. Explain casting defects.
5. Dental Erosion.
6. Discuss instrument formula for hand instruments in operative dentistry.
7. Adhesion in Esthetic dentistry.
8. Magnification in operative dentistry.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss in detail restoration of an Endodontically treated teeth.
2. Significance of intra Canal Medicaments in Endodontic practice – discuss in detail.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Double Seal.
4. Adverse effects of Sodium hypochlorite and its management.
5. Root end filling materials.
6. Discuss Instrumentation of curved Root Canals.
7. Endodontic Microbiology.
8. Light Speed Simplyfill.

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Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Ceramics in Restorative Dentistry.
2. Regenerative Endodontics.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the surgical anatomy of external carotid artery and its ligation
2. Describe the anatomy of T.M. joint and write in short changes that takes place with age

SHORT ESSAY

6 X 10 = 60 Marks

3. Development of tongue
4. Anaphylaxis
5. Infratemporal fossa
6. Conscious sedation
7. Diplopia
8. Mode of action of local anaesthetics

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the bleeding disorders, their investigation and management of oral surgery
2. Discuss the primary evaluation management of maxillofacial injuries

SHORT ESSAY

6 X 10 = 60 Marks

3. Acute orofacial infections
4. Bone plates
5. Post anesthetic complications
6. Suturing materials and biological aspects
7. Transplantation of teeth
8. Sulcus extension procedures

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss management of mandibular and maxillary bone fractures in children
2. Discuss the fibro-osseous lesions of jaws. How will you manage a case of ossifying fibroma of the body of the mandible

SHORT ESSAY

6 X 10 = 60 Marks

3. Various approaches to T.M. Joint
4. Ranula
5. Caldwell-Luc operation
6. Brachytherapy
7. Frenectomy
8. Transplantation of teeth

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Haemorrhage and shock
2. Trismus

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Describe in detail the various anterior triangles of neck and its applied anatomy.
2. Describe in detail the course, branches and relations of the mandibular nerve.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Chorda tympani.
4. Adenomatoid odontogenic tumour.
5. Dentigerous cyst.
6. Squamous cell carcinoma.
7. Pterygoid plexus.
8. Surgical anatomy of orbit.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Classify midface fractures. Discuss the clinical features and management of Lefort II fracture associated with CSF rhinorrhoea
2. Discuss the osteoradio necrosis and its management in mandible

SHORT ESSAY

6 X 10 = 60 Marks

3. Plunging ranula
4. Traumatic bone cyst
5. Complications of inferior dental nerve block
6. Adrenal crisis
7. Maxillary sinus lift
8. Miniplates and screws

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Define pre-prosthetic surgery. Describe various procedures adopted to increase the ridge height in edentulous patients.
2. Explain Cephalometrics. Describe the role of distraction osteogenesis in correction of mandibular deformities.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Surgical Approaches to the TMJ.
4. Muscle relaxants in maxillofacial surgery.
5. Surgical correction on facial palsy.
6. Ankylosis.
7. Functional Neck Dissection.
8. Lasers in maxillofacial surgery.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Bone Grafts in Maxillofacial Surgery.
2. Aesthetic facial surgery.

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Q.P. CODE : 9431

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Write briefly on lymphoid tissues. Add a note on the immune system
2. Discuss briefly the sedatives, tranquilizers and muscle relaxants commonly used in dental practice

SHORT ESSAY

6 X 10 = 60 Marks

3. Development of a multi rooted tooth
4. Oral microbial flora
5. Chemotherapeutic agents in the management of anaerobic infections
6. Inflammation
7. Regulation of body temperature
8. Vitamin C

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Q.P. CODE : 9432

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Radiographic examination techniques for the Temporo-Mandibular joint
2. Discuss the quality control measures to be adopted for a Dento-Maxillo-Facial diagnostic imaging department

SHORT ESSAY

6 X 10 = 60 Marks

3. CAT scan
4. Radiation monitoring
5. Enumerate Multilocular Radiolucent lesions of the jaws and discuss any one in detail
6. Classify and enumerate swellings on the palate. Discuss differential diagnosis of palatal perforation
7. Radiographic differential diagnosis of fractures
8. Diagnosis of Down's syndrome

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Q.P. CODE : 9433

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Classify and enumerate viral lesions affecting the oro-facial region. Discuss clinical features and management of the oral manifestations of HIV / AIDS
2. Discuss the evaluation and dental treatment management considerations in a patient with Diabetes Mellitus

SHORT ESSAY

6 X 10 = 60 Marks

3. Laboratory investigations for Anemia
4. Management of oral Leukoplakia
5. Chair-side & laboratory investigations for white lesions of the oral cavity
6. Management of burning sensation in the oral cavity
7. Pulp testing
8. Age estimation in forensic odontology

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Role of dentistry in preventing spread of HIV infection
2. Recent advances in dental diagnostic imaging

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Q.P. CODE : 9435

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the anatomy and applied aspects facial spaces
2. Write an essay on the structure and function of the formed elements of blood

SHORT ESSAY

6 X 10 = 60 Marks

3. Development of the Mandible
4. Functions of saliva
5. Classification of Tumors
6. Antibiotics used in dental infections
7. Regulations of Gene function
8. Mechanism of Muscle contraction

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the various radiographic techniques for maxillary sinus. Write about radiographic appearance of pathologies involving maxillary sinus.
2. Describe briefly the design of Radiology Operatory. Add a note on the measures for quality assurance.

SHORT ESSAY

6 X 10 = 60 Marks

3. Lamina dura in health and disease.
4. Radiographic appearance of malignancies.
5. Ghost image.
6. Ultrasonography in diagnosis of orofacial lesions.
7. Brachytherapy.
8. Radiosensitizers and radioprotectors.

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Q.P. CODE : 9437

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss differential diagnosis of Sialadenitis and write the investigations and management of patient with decreased salivary secretion.
2. Discuss the pigmented lesions of the oral cavity.

SHORT ESSAY

6 X 10 = 60 Marks

3. Define leukoplakia. Write about non-tobacco related leukoplakia.
4. Write about paraneoplastic syndromes having oral manifestations.
5. A 55-year-old female complains of glossodynia. Write the differential diagnosis and investigations.
6. Laboratory evaluation of Iron deficiency anemia.
7. Chemoprevention of oral cancer.
8. Dental implications in transplant recipients.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on **ANY ONE**

1 X 100 = 100 Marks

1. Management of the diseases of the TMJ.
2. Radiographic appearance of osteodystrophies of the jaws.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss the developmental anomalies occurring due to first pharyngeal arch defect.
2. Discuss calcium metabolism.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Morphological features of bone modeling and remodeling.
4. Cements used in orthodontics.
5. Buccinator mechanism.
6. Evolution of teeth.
7. Copper Niti wires.
8. Analgesics in Orthodontic Practice.

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Q.P. CODE : 9446

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Write etiology, differential diagnosis and suggested treatment for facial asymmetries in growing children.
2. Discuss the stages of cognitive development of a growing child.

SHORT ESSAY

6 X 10 = 60 Marks

3. Influences of oral functions on dentofacial development.
4. Obstructive sleep Apnea.
5. Three dimensional cephalometry.
6. Growth prediction while treatment planning.
7. Etiology of open bite.
8. Epigenetic signals.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Case selection consideration for adult orthodontics – Discuss
2. How will you decide camouflage or surgical correction as treatment option?

SHORT ESSAY**6 X 10 = 60 Marks**

3. Bonded molar tubes-why, where and when?
4. Management of canine impaction
5. Outsourcing trends in orthodontics? – 'Invisalign' and 'Suresmile' process-Comment
6. Bracket positioning for clinical excellence – Discuss
7. Recent light force orthodontic systems
8. Ortho-restorative interdisciplinary procedures

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Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on **ANY ONE**

1 X 100 = 100 Marks

1. Adult orthodontics.
2. Recent advances in orthodontic diagnosis.

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Q.P. CODE : 9455

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Describe the applied anatomy of temporomandibular joint. Add a note on its development.
2. Discuss the chemical mediators of inflammation.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Normal Oral Microbial flora
4. Measures of variability.
5. Development of Palate.
6. Cell junctions.
7. Factors affecting wound healing.
8. Actinomycosis.

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Q.P. CODE : 9456

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss reactive lesions of oral cavity.
2. Discuss granulomatous infections

SHORT ESSAY**6 X 10 = 60 Marks**

3. Gingival cyst of adult
4. Oral candidiasis
5. Infectious mononucleosis.
6. Necrotizing sialometaplasia.
7. Aphthous stomatitis
8. Environmental Enamel hypoplasia

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Q.P. CODE : 9457

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the various laboratory techniques used in the diagnosis of Vesiculobullous lesions.
2. Discuss tissue preparation for examination under electron microscope. Add a note on the principles of electron microscopy.

SHORT ESSAY

6 X 10 = 60 Marks

3. PCR Technique and clinical applications
4. Warthin's tumor.
5. Special stains for melanin.
6. FNAC.
7. Malignant odontogenic tumors.
8. Laboratory diagnosis of Tuberculosis.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Recent advances in diagnostic oral and maxillofacial pathology.
2. Anomalies during odontogenesis.

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Q.P. CODE : 9461

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Define growth and development. Discuss in detail various theories of growth and development. Give a note on its clinical significance
2. Discuss the role of minerals and vitamins in dental and oral health of children

SHORT ESSAY

6 X 10 = 60 Marks

3. Anaphylaxis
4. Nerve supply of tongue
5. Post extraction wound healing
6. Importance of blood groups
7. Syncope and its management
8. Balanced diet

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the etiology and sequelae of trauma to teeth and its management with newer materials and techniques
2. Discuss the role of pedodontist in the management of handicapped children

SHORT ESSAY

6 X 10 = 60 Marks

3. Serial extraction
4. Stainless steel crowns and its modifications
5. Selection criteria for space maintainers
6. Tweed's analysis
7. pH of oral cavity
8. Etiology and management of ectopic eruption

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Q.P. CODE : 9463

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the changing trends in dental caries prevalence in South East Asian Regional Organization (SEARO) countries according to World health organization
2. Discuss various strategies to prevent malocclusion in children from toddler stage to adolescent stage

SHORT ESSAY

6 X 10 = 60 Marks

3. Anticipatory guidance
4. Fluoride dentifrices
5. Descriptive epidemiology
6. Barriers in communication for dental health education
7. Studies on the effectiveness of pit and fissure sealants
8. Landmark studies on water fluoridation

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Pediatric Endodontics
2. Lasers in Pediatric Dentistry

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the role of nutrition in the dental and oral health of children
2. Describe the development and congenital anomalies of mandible

SHORT ESSAY

6 X 10 = 60 Marks

3. Muscles of facial expression
4. Odontogenic cysts
5. Parathyroid hormone
6. Application of Growth spurts in pedodontics
7. Plaque microflora
8. Pain pathway

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the need and objectives of pulpotomy and the recent medicaments used in pulpotomy
2. Discuss the recent advances in caries diagnosis, caries risk assessment and caries management in paediatric dentistry

SHORT ESSAY

6 X 10 = 60 Marks

3. Critical pH
4. Pre mature bone loss in primary dentition
5. Young permanent teeth
6. Down syndrome
7. Splinting of traumatized teeth
8. Mixed dentition analysis

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Q.P. CODE : 9467

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the levels of prevention of oral diseases. Discuss the role of pedodontist in the prevention of oral diseases
2. Describe the comprehensive programme for infant oral health care in India

SHORT ESSAY

6 X 10 = 60 Marks

3. Case control study
4. Oral Hygiene Index-Simplified
5. Survey methods
6. Mouth guards
7. Application of cariogenicity tests in prevention of dental caries
8. Defluoridation techniques

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on **ANY ONE**

1 X 100 = 100 Marks

1. Endodontic therapy for young permanent teeth.
2. 'Periodontium in health and disease' in children.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss role of sex hormones as a systematic modifier of periodontitis.
2. Discuss the ultrastructure and functions of alveolar bone.

SHORT ESSAY

6 X 10 = 60 Marks

3. Biochemical markers in periodontal diagnosis.
4. Role of T cells in periodontal disease.
5. Microcirculation of gingiva
6. Folic acid and periodontal disease.
7. Mechanisms of collagen degradation.
8. Mandibular division of the trigeminal nerve.

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(Revised Scheme 2)

Q.P. CODE : 9476

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Role of iatrogenic factors in periodontal diseases.
2. Define and classify indices. Discuss various indices used in evaluation of periodontal diseases.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Matrix Metallo Proteases.
4. Microbial complexes.
5. Adequacy of width of attached gingiva.
6. Refractory periodontitis.
7. Implication of genetics in periodontal diseases.
8. Significance of preventive periodontics.

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Q.P. CODE : 9477

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss current trends in chemical plaque control.
2. Discuss peri-implant diseases and its management.

SHORT ESSAY

6 X 10 = 60 Marks

3. Host Modulation therapy in periodontal therapy.
4. Current concepts in root biomodification.
5. Complications following flap surgery.
6. Current status of alloplasts in periodontal regeneration.
7. Explain wound healing in furcation defects.
8. Explain the factors which influences prognosis and treatment plan in periodontal diseases.

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Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on ANY ONE

1 X 100 = 100 Marks

1. Non Surgical Periodontal Therapy.
2. Discuss Host Modulation in periodontics.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Give a short account of the applied anatomy of the Temporomandibular joint. Discuss the degenerative change that occur in T.M.J due to ageing.
2. Discuss recent development in ceramics used in Prosthodontics.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Elastomeric impression materials.
4. Muscles of mastication.
5. Secondary hypertension.
6. Hyperglycemia and its significance in medical history taking.
7. Biocompatibility of materials used in dentistry.
8. Biomaterial waste disposal.

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(Revised Scheme 2)

Q.P. CODE : 9486

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY**2 X 20 = 40 Marks**

1. Discuss the various sequelae caused by wearing complete dentures.
2. Centric relation –a point or area. Discuss various methods of recording centric relation.

SHORT ESSAY**6 X 10 = 60 Marks**

3. Palatal lift prothesis.
4. Work authorization order for RPD.
5. Subsequent service for patients on immediate dentures.
6. Indirect retainer.
7. Pantograph.
8. Anterior teeth selection.

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Q.P. CODE : 9487

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the biomechanical principles of tooth preparation.
2. Discuss concepts of occlusion in fixed partial prosthesis.

SHORT ESSAY

6 X 10 = 60 Marks

3. Enhancing retention in short crowns.
4. Biological width, its significance in restoration.
5. Castable ceramics.
6. Provisional restoration.
7. Gingival displacement.
8. Contact and contour in fixed restoration.

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Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. **Answer any ONE question**

Write essay on **ANY ONE**

1 X 100 = 100 Marks

1. Dentogenic concepts in prosthodontic treatment
2. Prosthodontic management of TMJ disorders

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