

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 vitamins in oral health
2. Discuss the role of biostatistics in oral health research

SHORT ESSAY

6 X 10 = 60 Marks

3. Cellular immunity
4. Deglutition
5. Hypothesis
6. Anemia
7. Glycolytic pathway
8. Mitosis

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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. Compare and contrast different epidemiological methods in public health
2. Critically evaluate the various national health programs in India

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

3. Primary health care
4. Sensitivity and specificity
5. Air pollution
6. The role of genetics in oral health
7. Statistical averages
8. Principles of health education

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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 epidemiology of Early Childhood Caries
2. Describe the various types of defluoridation methods with special reference to the Indian scenario

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

3. Fluoride varnishes and caries prevention
4. Diet counseling
5. Prevention of oral cancer
6. Comprehensive dental care
7. Oral health related quality of life (OHRQL)
8. Specific protection for dental caries

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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. Fluoride supplementation – Relevance in India
2. Discuss in detail an effective oral health policy for India

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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. Describe mandibular nerve and discuss in detail its importance in dentistry.
2. Discuss dental adhesion and the various bonding systems related to restorative dentistry.

SHORT ESSAY

6 X 10 = 60 Marks

3. Significance of refractory materials
4. Chlorhexidine and its use in restorative dentistry and endodontics.
5. Factors affecting colour selection in aesthetic dentistry.
6. Development and physiology of Dentine.
7. Write various methods of sampling in Biostatistics.
8. Role of saliva in dental caries.

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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 progress made in development of adhesive systems.
2. Discuss the importance of contact point and write in detail different materials and methods used for restoration of proximal contact.

SHORT ESSAY

6 X 10 = 60 Marks

3. Secondary retention for Amalgam restorations
4. Biologic width
5. Gingival tissue management during restorative procedures
6. Reactionary dentine
7. Composite resin placement techniques
8. Principles of sharpening and sharpness test of hand cutting instruments

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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 procedural errors during cleaning and shaping and its management
2. Write in detail about endodontic micorsurgery

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

3. Hybrid instrumentation
4. Diagnosis and management of vertical root fractures
5. Laser Doppler flowmetry
6. Significance of root apex
7. Profile 29 series
8. Inter appointment flare ups

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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. Discuss the role of history taking and diagnostic methods in endodontics.
2. Write an essay on minimal intervention 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. Surgical anatomy of temporo mandibular joint
2. Physiology of deglutition

SHORT ESSAY

6 X 10 = 60 Marks

3. Chorda tympani
4. Healing of socket
5. Facial artery
6. Vasoconstrictors
7. Sterilization
8. Coagulation disorders

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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 Primary management of a Facial trauma patient.
2. Management of Oro-antral Fistula.

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

3. Selection of a Vasoconstrictor
4. Elevators
5. Epistaxis
6. Anaphylaxis
7. Diplopia
8. Reconstruction Plates.

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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 the diagnosis, investigation, treatment planning and management of mandibular prognathism
2. Classify odontogenic tumors of Jaw bones and discuss the management of odontogenic myxoma involving body and ramus region of mandible

SHORT ESSAY

6 X 10 = 60 Marks

3. Supraomohyoid neck dissection
4. Interpositional arthroplasty
5. Lasers in maxillofacial surgery
6. Cleft palate
7. Functional endoscopic sinus surgery
8. Surgical audit

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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 flaps in Maxillo facial surgery.
2. Fluid and electrolyte balance.

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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. Discuss Gross Anatomy of specialized oral mucous membrane
2. Discuss cellular phase of inflammation. Add a note on chemical mediators of inflammation

SHORT ESSAY

6 X 10 = 60 Marks

3. Semi synthetic penicillins
4. Peripheral pain pathway
5. Mandibular nerve
6. Renin – angiotensin system
7. Necrosis
8. Ranitidine

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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. Discuss lesion associated with unerupted teeth
2. Discuss orthopantomography

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

3. Laboratory investigations for syphilis
4. Oral mucositis
5. Etiopathogenesis of oral lichen planus
6. Contrast media
7. Soft tissue calcifications
8. Radiographic evaluation of fracture zygoma & zygomatic region

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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 Autoimmune diseases of oral cavity and discuss in detail about Erythema multiforme, clinical features, etiology, differential diagnosis and treatment.
2. Clinical assessment and management of chronic orofacial pain.

SHORT ESSAY

6 X 10 = 60 Marks

3. Laser therapy in oro mucosal lesions.
4. Role of steroids in management oro mucosal lesions.
5. Diseases of orofacial musculature.
6. Types of biopsy and their indications in diagnosis of pathology of head and neck region.
7. Management of burning mouth syndrome.
8. Differential Diagnosis of palatal perforation.

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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. Psychosomatic disorders
2. Discuss the role of radiotherapy in the treatment of head & neck malignancies

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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. Briefly discuss the innervations of the tongue, describe the papillae and discuss its applied aspects
2. Describe the regulatory mechanism of steroid secretions. Enlist the pharmacological actions of steroids. Discuss the role of corticosteroids in treatment of oral pathologies.

SHORT ESSAY

6 X 10 = 60 Marks

3. Enumerate constituents of blood and briefly mention their functions
4. Fat soluble vitamins
5. Chemical mediators of inflammation
6. Briefly discuss normal micro flora of the oral cavity
7. Discuss Mc Gregor and cambell lines
8. Investigatory importance of serum calcium, phosphorous and alkaline phosphatase

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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. Enlist and discuss the various modifications in intra oral periapical radiography techniques to accommodate anatomical variations and other practical difficulties
2. Discuss periosteum and various radiographic appearances of periosteal reactions in various oral lesions

SHORT ESSAY

6 X 10 = 60 Marks

3. Basic principles of radiographic interpretation
4. Software used in implant imaging
5. X-ray monitoring devices
6. Describe different radiographic appearances of Osteomyelitis
7. Brachy therapy
8. How will you differentiate between an odontogenic cyst encroaching the maxillary sinus and an intrinsic cyst of the maxillary sinus

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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. Briefly enumerate the necrotic lesions affecting the oral cavity, discuss their clinical features and management
2. Enumerate red and white lesions of the oral cavity. Describe in detail the predisposing factors, clinical features and management of Oral candidiasis

SHORT ESSAY

6 X 10 = 60 Marks

3. Conditions that constitute Foci of infection
4. Diagnostic Aids for precancerous and cancerous lesions
5. Give differential diagnosis for swelling on the floor of the mouth
6. Laboratory diagnosis of Tuberculosis
7. Dental management of a patient with diabetes
8. Cellular changes caused by ionizing radiation

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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 dental radiologist in forensic odontology
2. Evaluation of a dental patient with regards to diagnosis and medical risk assessment

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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 nutrition in growth and development of craniofacial structures.
2. Discuss the influences of oral functions on dentofacial development.

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

3. Standard growth charts.
4. Allergy due to Nickel alloy.
5. Methods of measurement of bone growth.
6. Late Facial growth in adults.
7. Role of genetics in the etiology of skeletal class III malocclusion.
8. Down's Syndrome.

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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. Overall facial and dental changes between 5 and 25 years
2. Discuss the normal structure of alveolar bone and the periodontal membrane and the transformation-taking place in them under different orthodontics stresses

SHORT ESSAY

6 X 10 = 60 Marks

3. Steiner sticks
4. Bolton tooth size ratio-clinical implications
5. Natural head position
6. Root resorption
7. e-models
8. Frictional effects on anchorage

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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 advantages and disadvantages of Lingual technique?
2. Discuss the uses and limitations of extra oral traction in Orthodontics?

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

3. Bioprogressive Technique?
4. Ectopic teeth – management?
5. Anterior oral seal?
6. Rapid Maxillary Expansion?
7. Timing of Orthodontic treatment – discuss?
8. Problems with Begg appliances?

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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 Orthodontist in Surgical Orthodontics.
2. Orthodontic Practice Management.

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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 fibro-Osseous lesions affecting the jaws.
2. Describe the fungal infections affecting the oral cavity.

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

3. Discuss bite mark analysis
4. Describe clinical features, microbiota, histology and prognosis of desquamate gingivitis.
5. Discuss immunology of Dental Caries.
6. Write in detail about mucocoele.
7. Describe Brown's tumor
8. Discuss histopathology and clinical features of Lichen Planus.

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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. Describe the giant cell lesions affecting the jaw bones
2. Describe gingival hyperplasia

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

3. Globulo – maxillary cyst
4. Pathogenesis of oral submucous fibrosis
5. Methods of recording lip impressions
6. Histopathology and pathogenesis of Histiocytosis – X
7. Immunology of pemphigus
8. Pathogenesis and microscopic features of Thalassemia

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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 biopsy techniques in oral pathology
2. Recent advances in oral cancer.

SHORT ESSAY

6 X 10 = 60 Marks

3. Describe Immunohistochemistry
4. Discuss stains for mucin
5. Classify salivary gland tumors. Discuss pathogenesis of adenolymphoma
6. Discuss cemental pathology
7. Laboratory diagnosis of candidiasis
8. Osteosarcoma

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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. Pigmented lesion of oral cavity
2. Odontogenic tumors

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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. Describe the development of maxilla and discuss the etiopathogenesis of cleft palate
2. Describe the anatomy of the temporomandibula joint (TMJ). Discuss the TMJ disorders seen in children

SHORT ESSAY

6 X 10 = 60 Marks

3. Significance of body mass index (BMI) in children
4. Growth assessment parameters
5. Age changes in mandible
6. Neural crest cells
7. Genetic basis of dental caries
8. Chemical mediators of inflammation

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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 causes and effects of space loss in arches and the role of space maintainers in arch integrity
2. Discuss the importance of Nitrous oxide – oxygen analgesia in pediatric dentistry for management of children

SHORT ESSAY

6 X 10 = 60 Marks

3. Radiovisiography in pediatric dentistry
4. Chemical plaque control methods
5. Dentin bonding systems
6. Management of aphthous ulcers
7. Mouth guards
8. Formocresol versus Glutaraldehyde pulpotomy

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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. Explain the dietary modifications for children with early childhood caries
2. Discuss the various preventive orthodontic procedures carried out in children

SHORT ESSAY

6 X 10 = 60 Marks

3. Dental home
4. Concept of remineralization
5. Levels of prevention
6. Methods of sampling
7. Trace elements with anticaries properties
8. Defluoridation

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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. Development of occlusion from birth through adolescence
2. Oral manifestations of systemic diseases in children and their management

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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 classification, etiology, clinical features and role of pedodontist in cleft lip and palate.
2. Describe the origin, course, branches and clinical implications of fifth cranial nerve,

SHORT ESSAY

6 X 10 = 60 Marks

3. Teething
4. Skeletal age
5. Growth trends
6. Neonatal teeth
7. Gum pads.
8. Saliva

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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. Write on Esthetics in Pediatric dentistry
2. Explain in detail about the various storage media available for avulsed tooth and its clinical management.

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

3. Management of digit sucking habit.
4. Autism
5. Significance of maternal influences in pediatric dentistry.
6. Molar Incisor Hypoplasia and its management
7. Space Regainers
8. Rotary endodontics in pediatric dentistry.

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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. Write in detail on Diet and Dental caries
2. Describe a School dental health programme

SHORT ESSAY

6 X 10 = 60 Marks

3. Students t test
4. Dental home
5. Disclosing solution
6. Types of survey
7. Mechanical plaque control
8. Fluoride varnish

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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. Hospital Dentistry
2. Recent advances in Pediatric 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. Discuss the role of vitamins in periodontal health
2. Discuss the composition and functions of blood. Describe clotting mechanism and its significance in dentistry.

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

3. Acute and chronic inflammation
4. Immuno fluorescence
5. Mouth rinses
6. NSAID (Non-steroidal anti inflammatory drugs)
7. Xerostomia
8. Liver function test

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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. Define biofilm. Write in detail about the role of plaque as a biofilm. Add a note on microbial complexes
2. What is junctional epithelium, Discuss in detail its development, structure and function.

SHORT ESSAY

6 X 10 = 60 Marks

3. Tissue inhibitor of matrix metallo proteinase (TIMP)
4. Risk factors and association
5. Measuring periodontal destruction – methods used in epidemiological studies
6. Pathogenesis of drug induced gingival enlargement
7. Pulpoperiodontal lesions.
8. Trans endothelial migration.

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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. What is sinus lift and describe in detail any one technique
2. Management of a grade II mandibular furcation defect

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

3. Periodontal management of patients with AIDS (Acquired Immuno Deficiency Syndrome)
4. Connective tissue grafts in coverage of denuded roots.
5. Describe the perio-restorative relationship.
6. What are the various suturing techniques employed in periodontal surgery. Discuss any two techniques in detail.
7. Management of patients with CVS (Cardiovascular disease) disorders.
8. Discuss role of various chair side diagnostic kits in periodontal diagnosis.

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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. Risk factors for Periodontitis
2. Dental implants in Periodontal therapy

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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. Write the applied anatomy of salivary glands. Discuss the role of saliva in complete denture patients.
2. Discuss metal ceramics used in prosthodontics.

SHORT ESSAY

6 X 10 = 60 Marks

3. Gypsum materials.
4. Disposal of hospital waste.
5. Biocompatibility tests for materials used in dental practices.
6. Development, muscles, nerve supply, blood supply and lymphatic drainage of tongue.
7. Age changes in mandible.
8. Anti inflammatory and analgesics used in Dentistry.

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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. Implant supported over denture.
2. Impression procedures in distal extension situations.

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

3. Impression technique for resorbed edentulous mandible.
4. Surgical and interim obturators.
5. Preprosthetic mouth preparations in complete denture patients.
6. The trial denture and try – in appointment.
7. Balanced articulation.
8. The geriatric complete denture patient.

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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 biological and mechanical principles of tooth preparation to receive all ceramic crowns.
2. Recent development in fixed prosthodontics.

SHORT ESSAY

6 X 10 = 60 Marks

3. Investing and casting. Write about casting defects.
4. Pontics.
5. Occlusal splints.
6. Periodontal considerations in fixed prosthodontics.
7. Laminates.
8. Discuss group function, canine protected occlusion.

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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. Osseointegration.
2. Prosthodontic management of TMJ disorders.

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