

प्रदेश लोक सेवा आयोग, लुम्बिनी प्रदेश

प्रदेश निजामती सेवा तथा स्थानीय सरकारी सेवा अन्तर्गत स्वास्थ्य सेवा, डेण्टिस्ट्री समूह जनरल डेन्टल उपसमूह अधिकृत स्तर आठौं तह डेन्टल सर्जन पदको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

पाठ्यक्रमको रूपरेखा :- यस पाठ्यक्रम योजनालाई दुई चरणमा विभाजन गरिएको छ :

प्रथम चरण :- लिखित परीक्षा (Written Examination)

पूर्णाङ्क:- २००

द्वितीय चरण:- (क) सामूहिक परीक्षण (Group Test)

पूर्णाङ्क:- १०

(ख) अन्तर्वार्ता (Interview)

पूर्णाङ्क:- ३०

परीक्षा योजना (Examination Scheme)

प्रथम चरण: लिखित परीक्षा : (Written Examination)

पत्र	विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली		प्रश्न संख्या X अङ्क	समय
प्रथम	डेन्टिस्ट्री	१००	४०	वस्तुगत (Objective)	बहुवैकल्पिक प्रश्न (MCQs)	१०० प्रश्न X १ अङ्क	१ घण्टा १५ मिनेट
द्वितीय		१००	४०	विषयगत (Subjective)	लामो उत्तर	१० प्रश्न X १० अङ्क	३ घण्टा

द्वितीय चरण: सामूहिक परीक्षण (Group Test) र अन्तर्वार्ता (Interview)

पत्र / विषय	पूर्णाङ्क	परीक्षा प्रणाली	समय
सामूहिक परीक्षण (Group Test)	१०	सामूहिक छलफल (Group Discussion)	३० मिनेट
अन्तर्वार्ता (Interview)	३०	बोर्ड अन्तर्वार्ता (Board Interview)	-

द्रष्टव्य :

- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुबै हुनेछ ।
- पाठ्यक्रमको प्रथम पत्र र द्वितीय पत्रको विषयवस्तु एउटै हुनेछ ।
- प्रथम पत्र र द्वितीय पत्रको लिखित परीक्षा छुट्टाछुट्टै हुनेछ ।
- प्रथम तथा द्वितीय पत्रहरूबाट सोधिने प्रश्नसंख्या निम्नसुसार हुनेछ :

प्रथम पत्रका एकाई	१	२	३	४	५	६	७	८	९	१०
प्रश्न संख्या	१०	१०	१०	१०	१०	१०	१०	१०	१०	१०
द्वितीय पत्रका खण्ड	A					B				
द्वितीय पत्रका एकाई	१	२	३	४	५	६	७	८	९	१०
प्रश्न संख्या	१	१	१	१	१	१	१	१	१	१

- वस्तुगत बहुवैकल्पिक (Multiple Choice) प्रश्नहरूको गलत उत्तर दिएमा प्रत्येक गलत उत्तर वापत २० प्रतिशत अङ्क कट्टा गरिनेछ । तर उत्तर नदिएमा त्यस वापत अङ्क दिइने छैन र अङ्क कट्टा पनि गरिने छैन ।
- बहुवैकल्पिक प्रश्नहरू हुने परीक्षामा कुनै प्रकारको Memory युक्त विद्युतीय उपकरण जस्तै: मोबाइल फोन, Calculator, Smart घडी जस्ता वस्तुहरू प्रयोग गर्न पाइने छैन ।
- विषयगत प्रश्नहरूको हकमा तोकिएको अंकको एउटा लामो प्रश्न वा एउटै प्रश्नका दुई वा दुईभन्दा बढी भाग (Two or more parts of a single question) वा एउटा प्रश्न अन्तर्गत दुई वा बढी टिप्पणीहरू (Short notes) सोध्न सकिनेछ ।
- द्वितीय पत्रमा विषयगत प्रश्न हुनेका हकमा प्रत्येक खण्ड (Section) का लागि छुट्टाछुट्टै उत्तरपुस्तिकाहरू हुनेछन् । परीक्षार्थीले प्रत्येक खण्डका प्रश्नहरूको उत्तर सोही खण्डको उत्तरपुस्तिकामा लेख्नुपर्नेछ ।
- यस पाठ्यक्रम योजना अन्तर्गतका पत्र/विषयका विषयवस्तुमा जेसुकै लेखिएको भएतापनि पाठ्यक्रममा परेका कानून, ऐन, नियम तथा नीतिहरू यो पाठ्यक्रम स्वीकृत हुँदा कायम रहेकालाई यस पाठ्यक्रममा परेको सम्झनुपर्नेछ ।
- प्रथमचरणको परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र द्वितीय चरणको परीक्षामा सम्मिलित गराइनेछ ।
- पाठ्यक्रम स्वीकृत मिति:- २०८१/०६/१८

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आठौं तह डेन्टल सर्जन पदको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

प्रथम र द्वितीय पत्र:- डेन्टिस्ट्री

Section (A) 40 Marks

1. GENERAL MEDICINE & GENERAL SURGERY

- Sign, Symptoms, Diagnosis, Management and its Dental Implication

1.1. GENERAL MEDICINE

- 1.1.1. Acid Peptic Disease
- 1.1.2. Cirrhosis of liver
- 1.1.3. Hepatitis
- 1.1.4. Worm Infestation
- 1.1.5. Crohn's Diseases
- 1.1.6. Anemia, Leukemia
- 1.1.7. Purpuras
- 1.1.8. Hemophilia
- 1.1.9. Bleeding and clotting disorder and it's management
- 1.1.10. Cerebro-vascular accident
- 1.1.11. Meningitis
- 1.1.12. Encephalitis
- 1.1.13. Epilepsy
- 1.1.14. Diabetes Mellitus
- 1.1.15. Thyrotoxicosis
- 1.1.16. Myxoedema
- 1.1.17. Cushing's syndrome
- 1.1.18. Addison's disease
- 1.1.19. Hyperparathyroidism
- 1.1.20. Tetany
- 1.1.21. Rheumatoid arthritis
- 1.1.22. Systemic lupus erythematosus
- 1.1.23. Osteoarthritis
- 1.1.24. Nephrotic syndrome
- 1.1.25. Enteric fever
- 1.1.26. Valvular and Ischemic Heart Diseases
- 1.1.27. Infective endocarditis

1.2. GENERAL SURGERY

- 1.2.1. Enteric fever
- 1.2.2. Mumps
- 1.2.3. Sinus
- 1.2.4. Fistulas
- 1.2.5. Ulcer
- 1.2.6. Tumor
- 1.2.7. Shock
- 1.2.8. Peptic ulcer
- 1.2.9. Liver abscess
- 1.2.10. Pain Abdomen
- 1.2.11. Bronchial carcinoma
- 1.2.12. Head injuries
- 1.2.13. Goiter
- 1.2.14. Cellulitis
- 1.2.15. Candidiasis

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- 1.2.16. Urticaria
- 1.2.17. Herpes zoster
- 1.2.18. Lichen planus
- 1.2.19. Pemphigus
- 1.2.20. Drug eruption
- 1.2.21. HIV/AIDS
- 1.2.22. Diplopia
- 1.2.23. Sinusitis
- 1.2.24. Tonsillitis
- 1.2.25. Peritonsillar abscess
- 1.2.26. Ludwig's angina
- 1.2.27. Indication of tracheostomy
- 1.2.28. Maxillo-facial Fracture
- 1.2.29. TMJ Dislocation
- 1.2.30. Crush injury
- 1.2.31. Osteomyelitis
- 1.2.32. Tetanus
- 1.2.33. Infection control
- 1.2.34. Fluid and electrolyte therapy
- 1.2.35. Blood transfusion

2. GENERAL AND ORAL PATHOLOGY

- 2.1. Interpretations of laboratory results
- 2.2. Developmental disorders of teeth
- 2.3. Dental caries
- 2.4. Pulpitis
- 2.5. Apical periodontitis
- 2.6. Hypercementosis
- 2.7. Normal values of biochemical tests, Hematological tests
- 2.8. Gingivitis & Periodontitis
- 2.9. Cysts of the jaw: Non odontogenic and odontogenic cysts
- 2.10. Odontogenic tumors
- 2.11. Infective Stomatitis
- 2.12. Oral Premalignant Lesion
- 2.13. Oral Cancer
- 2.14. Common benign mucosal swelling
- 2.15. Cervical lymphadenopathy
- 2.16. Pain., anxiety and Neurological disorders of face and oral cavity
- 2.17. Diseases of temporomandibular joint
- 2.18. Signs and symptoms of anemia and leukemia related to oral cavity
- 2.19. Haemorrhagic diseases related to oral cavity
- 2.20. Development disorders of the oral and maxillofacial region
- 2.21. Clinical features and pathogenesis of all major salivary glands

3. ORAL AND MAXILLO-FACIAL SURGERY AND ANAESTHESIA

3.1. ORAL AND MAXILLO-FACIAL SURGERY

- 3.1.1. Diagnosis of different oral conditions with its surgical management
- 3.1.2. Management of extraction –simple and complicated teeth
- 3.1.3. Management of orofacial infections
- 3.1.4. Biopsy of oral issues

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- 3.1.5. Diagnosis and management of the odontogenic cysts
- 3.1.6. Apicoectomy
- 3.1.7. Complications of Extraction and its management
- 3.1.8. Diagnosis and treatment of TMJ dislocation
- 3.1.9. The principles of pain control in maxillofacial surgery
- 3.1.10. Principles of radiotherapy, chemotherapy and other adjuvant therapy in the management of malignant tumors
- 3.1.11. Basic principles in the management of Facial Trauma Cases in relation with:
 - 3.1.11.1. Nutritional consideration
 - 3.1.11.2. Airway management
 - 3.1.11.3. Systemic evaluation of the traumatized patient
 - 3.1.11.4. Shock, fluid resuscitation and management
 - 3.1.11.5. Control of bleeding due to facial trauma
 - 3.1.11.6. Antibiotic and analgesic
 - 3.1.11.7. Plan and Management of fixation of jaw fracture with close reduction using arch bar and IMF
 - 3.1.11.8. Proper splinting of dento-alveolar injury
 - 3.1.11.9. Diagnosis and classification of different types of maxillary & mandibular fractures
 - 3.1.11.10. Diagnosis of benign lesions and malignant lesions of oral cavity
 - 3.1.11.11. Post operative complications of jaw fractures
 - 3.1.11.12. Management of soft tissue wound of orofacial structure
- 3.1.12. Ameloblastoma
- 3.1.13. Oro-facial defects e.g. Cleft lip and palate
- 3.1.14. Osteomyelitis of jaw bones.
- 3.1.15. Common medical emergencies in dental practice and management

3.2. ANAESTHESIA

- 3.2.1. Principles of administering safe General anesthesia, Local anesthesia
- 3.2.2. Pre – anesthetic and anesthetic drugs
- 3.2.3. Block and local anesthesia of oral cavity
- 3.2.4. Infiltration anesthesia of oral cavity
- 3.2.5. Post operative complication of general anesthesia
- 3.2.6. Management of complication of intra oral local anesthesia
- 3.2.7. BLS -basic life support

4. ORAL MEDICINE AND DENTAL RADIOLOGY

4.1. Oral Medicine

- 4.1.1. Introduction and scope of oral medicine
- 4.1.2. Case history discussion and patient examination
- 4.1.3. Diagnostic investigations
- 4.1.4. White lesions of oral cavity
- 4.1.5. Red lesions of oral cavity
- 4.1.6. Pigmented lesions of oral cavity
- 4.1.7. Diseases of the tongue
- 4.1.8. Infections of oral cavity
- 4.1.9. Systems review – Systemic disease and their oral manifestations and dental management
 - 4.1.9.1. Cardiovascular disease
 - 4.1.9.2. Respiratory disease
 - 4.1.9.3. Gastro intestinal disease

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- 4.1.9.4. Urinary disease
- 4.1.9.5. Blood dyscrasias – with special reference to anemic patients, leukemia patients and patients on anticoagulant therapy
- 4.1.9.6. Endocrine disorders
- 4.1.9.7. Emergency drugs in dental practice
- 4.1.10. Oral premalignant lesions, oral cancer and other malignant lesion
- 4.1.11. Ulcerative and vesiculobullous lesions
- 4.1.12. Salivary gland disorders
- 4.1.13. Oro facial pain- different diagnosis and management
- 4.1.14. TMJ disorders
- 4.1.15. Immunodeficiency diseases with special reference to AIDS

4.2. DENTAL RADIOLOGY:

- 4.2.1. X-Ray equipment, developing and processing.
- 4.2.2. Principles of Radiology, X-ray
- 4.2.3. Digital radiology in dentistry
- 4.2.4. Radiation hazards and protection
- 4.2.5. Use of Periapical radiography, Bitewing radiography, Occlusal radiography, Oblique lateral radiography, O.P.G. view, Cephalometric radiography, Computed Tomography, O.M view, P.A. view
- 4.2.6. Radiological interpretation of different radiological images of different bony and soft tissue, lesions of Oro-facial structure including all types of Oro-facial trauma.

Section B – 60 Marks

5. PERIODONTOLOGY

- 5.1. Definition, scope, aim and objectives of periodontology
- 5.2. Normal periodontium: Gingiva, Periodontal ligament, Cementum, Alveolar bone
- 5.3. Aging and periodontium
- 5.4. Defense mechanisms of gingiva
- 5.5. Classification of diseases of Periodontium
- 5.6. Epidemiology of periodontal diseases
- 5.7. Etiology of periodontal diseases:
 - 5.7.1. Dental plaque/periodontal microbiology
 - 5.7.2. Material alba, food debris and stains
 - 5.7.3. Dental calculus
 - 5.7.4. Food impaction
 - 5.7.5. Host response
 - 5.7.6. Dental occlusion/ Trauma from occlusion (TFO)/bruxism and other parafunctional habits
 - 5.7.7. Influence of systemic diseases on periodontium- diabetes, sex hormones, nutrition, AIDS, hemorrhagic diseases
- 5.8. Etiology, pathogenesis, clinical signs and symptoms and management of: Plaque associated gingivitis, systematically aggravated gingivitis, Acute gingival infection-ANUG, acute herpetic gingivostomatitis, pericoronitis, Desquamative gingivitis, Allergic gingivitis,
- 5.9. Gingival enlargement, Gingival abscess
- 5.10. Periodontal pocket
- 5.11. Periodontitis: Adult periodontitis, rapidly progressive periodontitis, Early onset periodontitis, Juvenile periodontitis associated with systemic diseases, Periodontal abscess

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- 5.12. Clinical diagnosis and Diagnostic aids
- 5.13. Prognosis
- 5.14. Treatment plan and rationale for periodontal treatment
- 5.15. Periodontal treatment of medically compromised patients
- 5.16. General principles of periodontal therapy
- 5.17. Definition- Periodontal regeneration, repair, new attachment, Re attachment
- 5.18. Plaque control: mechanical and chemical
- 5.19. The periodontal instrumentation, Principles of periodontal instrumentation
- 5.20. Anti-microbial and other chemotherapeutic agents in periodontal therapy
- 5.21. Coronoplasty in periodontal therapy
- 5.22. General principles of periodontal surgery, root planning
- 5.23. Gingival curettage
- 5.24. Gingivectomy
- 5.25. Flap surgery
- 5.26. Resective osseous surgery: Osseous defects and osseous surgery including bone grafts
- 5.27. Reconstructive osseous surgery: Root conditioning /guided tissue regeneration (GTR)
- 5.28. Furcation involvement and management
- 5.29. Endo-perio therapy
- 5.30. Mucogingival surgery
- 5.31. Periodontal splints, Periodontal pack
- 5.32. Dentinal hypersensitivity
- 5.33. Dental implant
- 5.34. Prosthetic and restorative procedures in management of periodontal disease
- 5.35. Maintenance phase of periodontal therapy or supportive periodontal treatment

6. ORTHODONTICS

- 6.1. Definition, scope and objectives of orthodontia
- 6.2. Indication for orthodontics treatment
- 6.3. Limitation of orthodontic treatment
- 6.4. Growth and development: Jaws, Teeth, Face, Skull
- 6.5. Occlusion
- 6.6. Normal development of oral functions: Mastication, Swallowing, Speech, Occlusal function
- 6.7. Normal occlusion: It's development, Characteristics and variation
- 6.8. Genetics-applied to orthodontics
- 6.9. Malocclusion: Classification, Etiology
- 6.10. Orthodontic records
- 6.11. History and examination
- 6.12. Study models
- 6.13. Radiography
- 6.14. Preventive and interceptive orthodontics
- 6.15. Extractions in orthodontics
- 6.16. Orthodontic appliances: Removable, Functional, and Fixed
- 6.17. Tissue response to orthodontic tooth movement
- 6.18. Stability and retention
- 6.19. Oral surgery for orthodontic patients
- 6.20. Materials related to orthodontics

7. DENTAL MATERIAL

- 7.1. Aim and scope
- 7.2. Structure and behavior of matters, biological consideration,

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- 7.3. Physical and mechanical properties of dental materials
- 7.4. Gypsum products
- 7.5. Impression materials:
 - 7.5.1. Impression compound
 - 7.5.2. ZnO-Eugenol
 - 7.5.3. Agar-agar
 - 7.5.4. Alginate
 - 7.5.5. Rubber base impression materials
- 7.6. Synthetic resins:
 - 7.6.1. Properties
 - 7.6.2. As denture base material
 - 7.6.3. Repair and reline material
 - 7.6.4. Soft liner
 - 7.6.5. Tissue conditioners
- 7.7. Resins as restorative materials:
 - 7.7.1. Unfilled and filled resins
 - 7.7.2. Light cure
 - 7.7.3. Dentin bonding agent
 - 7.7.4. Acid etch
- 7.8. Metal alloys:
 - 7.8.1. Dental amalgam alloys
 - 7.8.2. Dental casting gold alloys
 - 7.8.3. Stainless steel
 - 7.8.4. Chrome cobalt alloy
 - 7.8.5. Nickel titanium alloy
 - 7.8.6. Titanium alloy
 - 7.8.7. Vitallium
- 7.9. Waxes: different types of dental waxes used in dentistry
- 7.10. Welding and Soldering,
- 7.11. Dental cement:
 - 7.11.1. Zinc Oxide Eugenol
 - 7.11.2. Zinc phosphate
 - 7.11.3. Polycarboxylate
 - 7.11.4. Glass Ionomers
 - 7.11.5. Cavity liners
 - 7.11.6. Cavity varnishes
 - 7.11.7. Calcium hydroxide
- 7.12. Dental porcelain: Porcelain fused to metal, porcelain furnace and fusing
- 7.13. Abrasive and polishing agents.

8. PROSTHODONTICS AND CROWN AND BRIDGE

8.1. Prosthodontics

- 8.1.1. Examination, diagnosis, treatment planning and prognosis
- 8.1.2. Retention and stability
- 8.1.3. Impression making
- 8.1.4. Preparation of casts, trays and temporary denture bases
- 8.1.5. Methods of jaw registration
- 8.1.6. Identification of artificial teeth: Selection, arrangement and aesthetics
- 8.1.7. Complete denture:
 - 8.1.7.1. Principles of occlusion and articulation in complete dentures

प्रदेश निजामती सेवा तथा स्थानीय सरकारी सेवा अन्तर्गत स्वास्थ्य सेवा, डेण्टिस्ट्री समूह जनरल डेन्टल उपसमूह अधिकृत स्तर आठौं तह डेन्टल सर्जन पदको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 8.1.7.2. Trial in complete dentures
- 8.1.7.3. Steps of processing and finishing denture
- 8.1.7.4. Correction of occlusal discrepancies
- 8.1.7.5. Steps in delivery and adjustments of complete dentures
- 8.1.7.6. Sequelae of ill-fitting dentures
- 8.1.7.7. Rebasing and relining of dentures

8.1.8. Immediate dentures

8.1.9. Implant dentures

8.1.10. Obturators

8.1.11. Partial Dentures

- 8.1.11.1. Scope of removable partial dentures
- 8.1.11.2. Classification of removable partial dentures
- 8.1.11.3. Components removable partial dentures
- 8.1.11.4. Mouth preparation for removable partial dentures
- 8.1.11.5. Impression making
- 8.1.11.6. Designs of removable partial dentures and associated problems
- 8.1.11.7. Principles on fabrication of cast metal framework
- 8.1.11.8. Jaw relation records, Selection and arrangement of teeth
- 8.1.11.9. Trial of partial dentures
- 8.1.11.10. Steps of processing, finishing, delivery and maintenance of partial dentures
- 8.1.11.11. Uses of immediate partial dentures.

8.2. CROWN AND BRIDGE

- 8.2.1. Indication and Contra-indication
- 8.2.2. Examination, diagnosis and treatment planning
- 8.2.3. Principles of selection and choice of abutment teeth
- 8.2.4. Principles of tooth reduction
- 8.2.5. Preparation of abutment teeth
- 8.2.6. Temporary protections of prepared tooth
- 8.2.7. Gingival retractions and impression procedures
- 8.2.8. Construction of dies and working methods, direct and indirect techniques.

9. CONSERVATIVE AND ENDODONTICS

9.1. CONSERVATIVE

- 9.1.1. Scope of conservative Dentistry and Endodontics
- 9.1.2. Patient examination, diagnosis and treatment planning in Conservative and Endodontics including various diagnostic aids
- 9.1.3. Instruments and Equipment used in Conservative and Endodontics:
 - 9.1.3.1. Hand instruments
 - 9.1.3.2. Rotary instruments
- 9.1.4. Sterilization in Conservative dentistry and Endodontics
- 9.1.5. Clinical significance of dental anatomy, histology, physiology and occlusion
- 9.1.6. Dental caries
- 9.1.7. Fundamentals in tooth preparation:
 - 9.1.7.1. Nomenclature of teeth
 - 9.1.7.2. Caries terminology
 - 9.1.7.3. Tooth preparation terminology
 - 9.1.7.4. Principles of tooth preparation
- 9.1.8. Principles of isolation and moisture control
- 9.1.9. Pain control in Conservative and Endodontics
- 9.1.10. Cavity preparation for various types of restorative material

प्रदेश निजामती सेवा तथा स्थानीय सरकारी सेवा अन्तर्गत स्वास्थ्य सेवा, डेण्टिस्ट्री समूह जनरल डेन्टल उपसमूह अधिकृत स्तर आठौं तह डेन्टल सर्जन पदको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 9.1.10.1. Amalgam
- 9.1.10.2. Composite
- 9.1.10.3. Glass Ionomer Cement
- 9.1.10.4. Cast restoration

9.2. ENDODONTICS

- 9.2.1. Pulp development, structure and function
- 9.2.2. Periapical pathology
- 9.2.3. Tooth morphology and access opening
- 9.2.4. Working length determination
- 9.2.5. Cleaning and shaping the root canal system
- 9.2.6. Obturation of the root canal system
- 9.2.7. Traumatic injuries: Diagnosis and management
- 9.2.8. Root resorption
- 9.2.9. Surgical endodontics
- 9.2.10. Pulp capping and pulpotomy
- 9.2.11. Bleaching of teeth
- 9.2.12. Restoration of endodontically treated teeth
- 9.2.13. Endo – Perio lesions
- 9.2.14. Endodontic failures and retreatment
- 9.2.15. Endodontic emergencies
- 9.2.16. Drugs used in Conservative and Endodontics
- 9.2.17. Irrigants and medicaments

10. PAEDODONTICS AND COMMUNITY DENTISTRY

10.1. PAEDODONTICS

- 10.1.1. Definition, Scope and importance of Pedodontics
- 10.1.2. Morphology of dentitions and its application
- 10.1.3. Applied morphology and histology of deciduous and permanent teeth
- 10.1.4. Importance of 1st permanent molar
- 10.1.5. Anomalies of developing dentition:
 - 10.1.5.1. tooth eruption
 - 10.1.5.2. tooth exfoliation
 - 10.1.5.3. tooth number
 - 10.1.5.4. tooth structure
 - 10.1.5.5. tooth color
- 10.1.6. Orofacial growth and its modification
- 10.1.7. Management of common dental and oral diseases in children
- 10.1.8. Diagnosis and management of orodental trauma in child patient
- 10.1.9. Oral manifestation of systemic disease in children
- 10.1.10. Pedodontic treatment plan
- 10.1.11. Psychological development and behavioral attitude in pediatric group
- 10.1.12. Common oral surgical procedures undertaken in children
- 10.1.13. Sedation and anesthesia used in children for dental procedures
- 10.1.14. Pulp therapy in primary and young permanent tooth
- 10.1.15. Space maintainer: Indication, Classification and techniques of fabrication
- 10.1.16. Management of pain, anxiety and stress in child patient
- 10.1.17. Orthodontic treatment in primary dentition

10.2. COMMUNITY DENTISTRY

- 10.2.1. Concept of health and attitude towards illness
- 10.2.2. Community survey and family case study
- 10.2.3. Doctor, patient relationship
- 10.2.4. Epidemiology of oral diseases in Nepal

प्रदेश लोक सेवा आयोग, लुम्बिनी प्रदेश
प्रदेश निजामती सेवा तथा स्थानीय सरकारी सेवा अन्तर्गत स्वास्थ्य सेवा, डेण्टिस्ट्री समूह जनरल डेन्टल उपसमूह अधिकृत स्तर
आठौं तह डेन्टल सर्जन पदको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 10.2.5. Fluorides
 - 10.2.5.1. fluoride mechanisms
 - 10.2.5.2. fluorosis
 - 10.2.5.3. systemic fluorides
 - 10.2.5.4. topical fluorides
- 10.2.6. Food which prevents dental decay
- 10.2.7. Concept of health education
- 10.2.8. Motivation and incentives
- 10.2.9. Methods and media of oral health education
- 10.2.10. Nutrition and health
- 10.2.11. Growth and development
- 10.2.12. Breast feeding
- 10.2.13. Motivation to community and school teachers
- 10.2.14. National Oral Health Policy

सामूहिक छलफल (Group Discussion)

प्रथम चरणको लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र लिइने सामूहिक परीक्षण (Group Test) को प्रयोजनको लागि गरिने परीक्षणको पूर्णाङ्क १० र समय ३० मिनेटको हुने छ जुन नेताविहीन सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिने छ । दिइएको प्रश्न वा Topics का विषयमा पालैपालोसँग निर्दिष्ट समयभित्र समूहबिच छलफल गर्दै प्रत्येक उम्मेदवारले व्यक्तिगत प्रस्तुति (Individual Presentation) गर्नुपर्ने छ । यस परीक्षणमा मूल्याङ्कनको लागि देहाय अनुसारको समिति रहनेछ :

आयोगका अध्यक्ष वा सदस्य	-अध्यक्ष
आयोगका सदस्य	-सदस्य
दक्ष/विज्ञ (१ जना)	-सदस्य

सामूहिक छलफलमा दिइने नमुना प्रश्न वा Topic

उदाहरणको लागि स्वास्थ्य बीमा, प्रतिभा पलायन, प्राविधिक तथा व्यावसायिक शिक्षा, शैक्षिक गुणस्तर, महिला हिंसा, सार्वजनिक खरिद, स्वास्थ्य क्षेत्रमा समानताको अवधारणा, सामाजिक सुरक्षा, स्वास्थ्य क्षेत्रमा बढ्दो असुरक्षा, स्वास्थ्य क्षेत्रमा निजीकरण, आदि जस्ता विषयहरूमध्ये कुनै एक विषय मात्र दिइने