

पाटन स्वास्थ्य विज्ञान प्रतिष्ठान सेवाआयोग  
प्राज्ञिक सेवा, दन्त चिकित्सा समूह, Maxillofacial उपसमूह, सहप्राध्यापक पद, दशौं (१०) तहको  
खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

**Paper II: Technical Subject**

**Section (A) - 45 Marks**

1. **General aspects of Maxillofacial surgery**
  - 1.1 Scope of oral and maxillofacial surgery; Multidisciplinary team approach
  - 1.2 Art of diagnosis and diagnostic imaging
    - 1.2.1 History taking; Clinical examination
    - 1.2.2 Clinical diagnostic aids
    - 1.2.3 Diagnostic imaging
    - 1.2.4 Other investigations
  - 1.3 Suture materials and suturing techniques
  - 1.4 Asepsis, Disinfection and sterilization
  - 1.5 Infection control: General principles and objectives
  - 1.6 Principles of oral surgery
  - 1.7 Exodontia and minor oral surgical procedures
    - 1.7.1 Techniques of dental extractions
    - 1.7.2 Indications/Contraindications
    - 1.7.3 Complications of tooth extractions
    - 1.7.4 Post extraction care
  - 1.8 Surgical Endodontics
    - 1.8.1 Procedure Indications, contraindications, retro preparation, complications
  - 1.9 Surgical management of impacted teeth and management of complications

**Section (B) - 55 Marks**

2. **Specific conditions of Maxillofacial Surgery & Recent Advances**
  - 2.1 Temporomandibular joint disorder
    - 2.1.1 Ankylosis of temporomandibular joint and its management
    - 2.1.2 Myofacial pain dysfunction syndrome
  - 2.2 Orthognathic surgery & Osteotomy procedures
  - 2.3 Maxillofacial trauma: Management of mandibular and midface fractures
  - 2.4 Pre prosthetic surgery
    - 2.4.1 Alveolar ridge correction
    - 2.4.2 Ridge extension procedures

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- 2.5 Cyst of oral cavity: Radicular cyst, dentigerous cyst, Odontogenic cyst
- 2.6 Salivary gland diseases: Mucocele, ranula, pleomorphic adenoma
- 2.7 Orofacial infections
  - 2.7.1 Etiology, Spread
  - 2.7.2 Life threatening complications
- 2.8 Facial neuropathy: Trigeminal Neuralgia and its management
- 2.9 Oral Cancer: Squamous cell carcinoma and its management
- 2.10 Recent advances in oral and maxillofacial surgery
  - 2.10.1 Advances in field of radiology and imaging
  - 2.10.2 Intraoperative navigation and robotic surgery
  - 2.10.3 Advances in local anesthetics
  - 2.10.4 Recent advances in Maxillofacial trauma Management