

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