

# प्रदेश लोक सेवा आयोग

## गण्डकी प्रदेश

नेपाल स्वास्थ्य सेवा, सर्जरी समूह, नवौं (९) तह, अर्थोपेडिक सर्जन पदको खुला र आन्तरिक  
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

### **Paper II: Technical Subject**

#### **1. General Orthopedics:**

- a) Diagnosis in Orthopedics
- b) infection
- c) inflammatory disorders
- d) crystal deposition disorders
- e) osteoarthritis
- f) osteonecrosis
- g) metabolic and endocrine disorders
- h) tumors
- i) peripheral nerve disorders
- j) orthopedic operations

#### **2. Trauma**

##### **1) General Principles**

- a) Polytrauma, Mass casualty, Disaster management
- b) Metabolic Response
- c) Blood transfusion and its products
- d) Fluid and Electrolyte balance
- e) Shock
- f) Nutritional support in surgical patient
- g) Wounds and Fracture healing

##### **2) Fractures and Joint Injuries**

- a) Fracture management principles, types, grades, complications and management
- b) Fracture of lower extremity
- c) Fracture of hip and pelvis
- d) Fracture of upper extremity and shoulder
- e) Spinal injury
- f) Dislocation and Subluxation of joints
- g) Traumatic disorders of joints
- h) Hand injury
- i) Fracture and dislocations in children

#### **3. Operative Surgery**

- a) Arthrodesis general principles

# प्रदेश लोक सेवा आयोग

## गण्डकी प्रदेश

नेपाल स्वास्थ्य सेवा, सर्जरी समूह, नवौं (९) तह, अर्थोपेडिक सर्जन पदको खुला र आन्तरिक  
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- b) Arthroplasty general principles
- c) Arthroscopy general principles
- d) Approaches

#### **4. Research Related**

- a) Types of study
  - b) Sampling techniques and types
  - c) Probability and its test
  - d) Medical Statistics
  - e) Evidence Based Medicine
  - f) Data presentation and analysis
-