

लोक सेवा आयोग
नेपाल स्वास्थ्य सेवा, सर्जरी समूह, अर्थोपेडिक उपसमूह, एघारौं (११) तहको खुला र आन्तरिक
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

Paper II: Technical Subject

- 1) General Principles of Trauma
 - a) Polytrauma, Mass casualty, Disaster management
 - b) Metabolic Response to trauma
 - 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) Principle of fracture, types grades, complication and its management
 - b) Compartment syndrome, VIC and its management
 - c) Infected Nonunion
 - d) Reflex sympathetic dystrophy/ Fracture diseases.
 - e) Fracture of lower extremity
 - f) Fracture of hip and pelvis
 - g) Fracture of upper extremity and shoulder
 - h) Spinal injury
 - i) Dislocation and Subluxation of joints
 - j) Traumatic disorders of joints, knee, shoulder, wrist and hands
 - k) Hand injury
 - l) Fracture and dislocations in children

- 3) Operative Surgery
 - a) Arthodesis
 - i) Arthodesis of lower extremities and Hip
 - ii) Arthodesis of upper extremities
 - iii) Arthodesis of spine
 - b) Arthroplasty
 - i) Arthroplasty of Hip
 - ii) Arthroplasty of Knee
 - c) Arthroscopy
 - i) Arthroscopy of Knee
 - ii) Arthroscopy of shoulder
 - d) Spinal Surgery
 - i) Surgery for Spinal Trauma
 - ii) Surgery for Spinal infection e.g. T.B.
 - iii) Anterior and posterior instrumentation of spine
 - iv) Other Procedures described in Campbell's Operative Surgery

लोक सेवा आयोग
नेपाल स्वास्थ्य सेवा, सर्जरी समूह, अर्थोपेडिक उपसमूह, एघारौं (११) तहको खुला र आन्तरिक
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 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