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Subject	No. of Questions X Marks	Full Mark	Pass Mark	Time
Service Specific Technical Subject	5 Long questions X10=50 10 Short questions X5=50	100	50	3 hrs.

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1. General Orthopaedics

- 1.1 Diagnosis in Orthopaedics
- 1.2 Infections
- 1.3 Rheumatic disorders
- 1.4 Osteoarthritis and related disorders
- 1.5 Osteonecrosis and Osteochondritis
- 1.6 Metabolic and Endocrine disorders
- 1.7 Genetic disorders, dysplasia and malformations
- 1.8 Tumors
- 1.9 Neuromuscular disorders
- 1.10 Peripheral Nerve Injury

2. Regional Orthopaedics

- 2.1 The shoulder
- 2.2 Elbow
- 2.3 Hand
- 2.4 Neck
- 2.5 Back
- 2.6 Hip
- 2.7 Knee
- 2.8 Ankle and foot

3. General Principles of Trauma

- 3.1 Polytrauma, Mass casualty, Disaster management
- 3.2 Metabolic Response to trauma
- 3.3 Blood transfusion and its products
- 3.4 Fluid and Electrolyte balance
- 3.5 Shock
- 3.6 Nutritional support in surgical patient
- 3.7 Wounds and Fracture healing

4. Fractures and Joint Injuries

- 4.1 Principle of fracture, types grades, complication and its management
- 4.2 Compartment syndrome, VIC and its management
- 4.3 Infected Nonunion
- 4.4 Reflex sympathetic dystrophy/ Fracture diseases.
- 4.5 Fracture of lower extremity
- 4.6 Fracture of hip and pelvis
- 4.7 Fracture of upper extremity and shoulder
- 4.8 Spinal injury
- 4.9 Dislocation and Subluxation of joints
- 4.10 Traumatic disorders of joints, knee, shoulder, wrist and hands
- 4.11 Hand injury
- 4.12 Fracture and dislocations in children
- 4.13 Traumatic synovitis
- 4.14 Rescue & management of a person injured at a high altitude situation

5. Operative Surgery

- 5.1 Arthodesis
 - 5.1.1 Arthodesis of lower extremities and Hip
 - 5.1.2 Arthodesis of upper extremities
 - 5.1.3 Arthodesis of spine
- 5.2 Arthroplasty
 - 5.2.1 Arthroplasty of Hip
 - 5.2.2 Arthroplasty of Knee
- 5.3 Arthroscopy
 - 5.3.1 Arthroscopy of Knee
 - 5.3.2 Arthroscopy of shoulder
- 5.4 Spinal Surgery
 - 5.4.1 Surgery for Spinal Trauma
 - 5.4.2 Surgery for Spinal infection e.g. T.B.
 - 5.4.3 Anterior and posterior instrumentation of spine
 - 5.4.4 Other Surgical procedures of spine

6. Research Related

- 6.1 Types of study
- 6.2 Sampling techniques and types
- 6.3 Probability and its test
- 6.4 Parametric and non-parametric tests
- 6.5 Data presentation and analysis

7. Medical ethics

8. Evidence based medicine

9. Communication & Counseling in medicine

10. Accidents & injury prevention

11. Community based rehabilitation of physically disabled persons

12. Nepal Health Sector Programme & Health Sector Reform Strategy

13. Continuous Professional Development

14. National Drug Policy
