

**लोक सेवा आयोग**  
**नेपाल इन्जिनियरिङ्ग सेवा, सिभिल एभिएसन अपरेशन इन्जिनियरिङ्ग समूह, सिभिल एभिएसन**  
**अपरेशन उप-समूह राजपत्राङ्कित प्रथम श्रेणी, सहसचिव वा सो सरह पदको खुला तथा आन्तरिक**  
**प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम**  
**द्वितीय पत्र :- प्राविधिक विषय**

**1 International Civil Aviation System**

- 1.1 International Civil Aviation Organization (ICAO)
- 1.2 International Air Transportation Association (IATA)
- 1.3 Co-operative development in Operational Safety and Continuing Airworthiness Programme for South Asia (COSCAP-SA)
- 1.4 ICAO Universal Safety Oversight Audit Programme (IUSOAP)
- 1.5 ICAO Universal Security Audit Programme (IUSAP)
- 1.6 IATA's Operational Safety Audit (IOSA)

**2 Liberal Aviation Policy & Impact Analysis**

- 2.1 Liberalization and deregulation in Civil Aviation
- 2.2 Privatization of airports.
- 2.3 Investment and privatization issues.

**3 Air Transportation**

- 3.1 Air Operator Licensing and Certification –Application, Inspection & Certification
- 3.2 Air Service Agreement(ASA)
- 3.3 Air Carrier Liability
- 3.4 Sustainability of air transportation
- 3.5 Lease and Charter Operation
- 3.6 Aircraft Operation,
- 3.7 Environment Protection
- 3.8 Human Factor in Aviation
- 3.9 Aviation Insurance Policy
- 3.10 Aviation Medicine

**4 Airport Operation**

- 4.1 Airport Planning and Development
- 4.2 Aerodrome operation planning
- 4.3 Aerodrome Certification
- 4.4 Airport Charges
- 4.5 Operation of Remote Area Airport in Nepal
- 4.6 Airport Council International (ACI)

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नेपाल इन्जिनियरिङ्ग सेवा, सिभिल एभिएसन अपरेशन इन्जिनियरिङ्ग समूह, सिभिल एभिएसन अपरेशन उप-समूह राजपत्राङ्कित प्रथम श्रेणी, सहसचिव वा सो सरह पदको खुला तथा आन्तरिक प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

- 5 Air Navigation System and Planning
  - 5.1 Air Space Planning and Management
  - 5.2 CNS Planning and Management
  - 5.3 ATM Planning and System Requirements
  - 5.4 Search and Rescue Services
  - 5.5 Aeronautical Information Services
  
- 6 Aviation Security and Facilitation
  - 6.1 National Civil Aviation Security Programme
  - 6.2 Aviation Security and Facilitation in Airport Operation
  
- 7 State Safety Programme (SSP)
  - 7.1 Objective
  - 7.2 Components and elements
  - 7.3 SSP – Development
  - 7.4 SSP – Implementation
  - 7.5 The role of SSP in SMS implementation
  
- 8 Safety Management System(SMS)
  - 8.1 ICAO Safety Management Requirements
  - 8.2 Safety Management System Planning
  - 8.3 Safety Management System Operation
  - 8.4 Safety Management System Implementation
  
9. Aircraft Accident and incident Investigation
  - 9.1 Organization and Planning
  - 9.2 Notification of accidents and incidents
  - 9.3 Investigation procedures
  - 9.4 Accident Prevention Measures
  - 9.5 Separation between the Judicial administration proceeding and the conduct of investigation
  
10. ICAO Annexes and National Requirement (Civil Aviation Requirements, Nepal) based on Chicago Convention

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