

# Legislation and Institutions - PDF Note - computeroperatorexam.com

## Part 1 — ICT Policy 2072 (11.1)

| Item               | Detail                                                                                        |
|--------------------|-----------------------------------------------------------------------------------------------|
| <b>Mission</b>     | Create conditions for intensified ICT sector growth as key driver for sustainable development |
| <b>Vision</b>      | Transform Nepal into an information and knowledge-based society and economy                   |
| <b>Year</b>        | 2072 BS (2015 AD)                                                                             |
| <b>Preceded By</b> | IT Policy 2000, IT Policy 2010                                                                |
| <b>Followed By</b> | Digital Nepal Framework 2019                                                                  |

### 37 Objectives — Key Categories:

| Category                | Core Objectives                                             |
|-------------------------|-------------------------------------------------------------|
| <b>Participation</b>    | Global Knowledge Society, regional economic integration     |
| <b>E-Governance</b>     | Transparency, efficiency, citizen services                  |
| <b>Infrastructure</b>   | Broadband backbone, last-mile access, rural connectivity    |
| <b>Education</b>        | ICT in education, HR development, enrollment in IT courses  |
| <b>Industry</b>         | FOSS promotion, IT Parks, BPO/ITES investment, start-ups    |
| <b>Social Inclusion</b> | Youth, women, persons with disabilities, indigenous content |
| <b>Environment</b>      | Minimal ICT environmental impact, e-waste, conservation     |
| <b>Security</b>         | Public sector data safeguarding, cybersecurity              |
| <b>Commerce</b>         | E-Commerce, SME adoption, agriculture ICT                   |

**19 Strategies:** HR Development · Education/R&D · Access · ICT Industry · E-Governance · SME/E-Commerce · Telecom Infrastructure · Agriculture · Health ·

## Part 2 — Electronic Transaction Act 2063 (11.2)

| Item                  | Detail                                                                 |
|-----------------------|------------------------------------------------------------------------|
| <b>Full Name</b>      | Electronic Transaction Act, 2063                                       |
| <b>AD Year</b>        | 2007/2008 AD                                                           |
| <b>Scope</b>          | E-transactions, digital signatures, electronic records, cyber offenses |
| <b>Governing Body</b> | MoCIT → Controller of Certification Authorities (CCA)                  |

### 7 Key Provisions:

| Provision                     | What It Does                                                              |
|-------------------------------|---------------------------------------------------------------------------|
| 1. Electronic Records         | Recognizes e-records and digital signatures as legally valid              |
| 2. Electronic Contracts       | Makes online contracts legally binding                                    |
| 3. Digital Signatures         | Provides guidelines for validity and use of digital signatures            |
| 4. Service Provider Liability | ISPs/hosts not liable for third-party content if acting as intermediaries |
| 5. Cyber Offenses & Penalties | Defines crimes: hacking, fraud, unauthorized access, data theft           |
| 6. Protection of Transactions | Protects integrity, confidentiality, and security of e-transactions       |
| 7. Government Authority       | Govt can regulate/monitor e-transactions for national security            |

### Key Cyber Offenses Under ETA 2063:

- Unauthorized access → Up to 3 years / NPR 2 lakh
- Computer fraud → Up to 3 years / NPR 2 lakh
- Publication of illegal material → Up to 5 years / NPR 1 lakh
- Hacking, data theft, interception → Up to 3 years / NPR 2 lakh

**E-Commerce Types:** B2C · B2B · C2C · C2B · G2C · G2B

---

## Part 3 — ITERT Directive 2075 (11.3)

| Item                            | Detail                                             |
|---------------------------------|----------------------------------------------------|
| <b>Full Name</b>                | ITERT Operation and Management Directive, 2075     |
| <b>AD Year</b>                  | 2018 AD                                            |
| <b>Under</b>                    | Department of Information Technology (DoIT), MoCIT |
| <b>International Equivalent</b> | CERT / CSIRT                                       |

### 7 Core Responsibilities:

1. Incident Response — detect, analyze, contain, recover
2. Coordination — with govt agencies, law enforcement, private sector
3. Vulnerability Management — patch and mitigate vulnerabilities
4. Threat Intelligence — gather and share threat data
5. Public Awareness — best practices guidance
6. Research & Development — study new attack techniques
7. Training and Education — cybersecurity capacity building

**Incident Response Flow:** Detect → Report → Analyze → Respond → Recover → Review → Share

## Part 4 — Government Website Directive 2078 (11.4)

| Item                  | Detail                                                        |
|-----------------------|---------------------------------------------------------------|
| <b>Full Name</b>      | Government Website Development and Management Directive, 2078 |
| <b>AD Year</b>        | 2021 AD                                                       |
| <b>Governing Body</b> | MoCIT / NITC                                                  |

### 10-Phase Development Process:

Planning → Design → Development → Content Creation → Testing → Security → Launch → Maintenance → User Support → Analytics

### Key Requirements:

- **.gov.np** domain mandatory

- HTTPS/SSL mandatory
- Content in Nepali (Devanagari)
- WCAG accessibility compliance
- Hosted on Nepal servers (GIDC/NITC)
- Designated Information Officer per ministry
- Mandatory sections: About Us, Services, Notices, RTI, Contact, Downloads
- Link to [nepal.gov.np](http://nepal.gov.np) portal

## Part 5 — Related Institutions (11.5)

### Quick Reference Table

| Institution      | Type              | Primary Role                                         |
|------------------|-------------------|------------------------------------------------------|
| <b>MoCIT</b>     | Ministry          | ICT policy, regulation, telecom oversight            |
| <b>DoIT</b>      | Department        | IT policy implementation, e-governance projects      |
| <b>NITC/GIDC</b> | Center/Facility   | National IT infrastructure, government data hosting  |
| <b>SOC/SMC</b>   | Operations Center | Real-time 24/7 security monitoring and response      |
| <b>NTA</b>       | Authority         | Telecom regulation, frequency spectrum allocation    |
| <b>ITERT</b>     | Response Team     | National cyber incident response (under DoIT)        |
| <b>CCA</b>       | Controller        | Oversees digital certificate issuance under ETA 2063 |

### NITC/GIDC — 14 Key Functions (Exam Favourite)

Centralized Infrastructure · Data Hosting · Data Security · Backup/Recovery · Resource Optimization · Cost Efficiency · Standardization · Centralized Management · Service Provisioning · Scalability · Technical Support · Compliance · Disaster Recovery · Collaboration

### SOC/SMC — 15 Key Functions

Threat Detection · Incident Response · Alert Triage · Vulnerability Management · Log Analysis · Threat Intelligence · Forensics · Security Monitoring · Malware

Analysis · Policy Enforcement · Collaboration · Reporting · Continuous Improvement · Threat Hunting · Training

## Nepal ICT Legislation Timeline

| Year (BS) | Year (AD) | Document                        | Significance                         |
|-----------|-----------|---------------------------------|--------------------------------------|
| 2057      | 2000      | IT Policy 2000                  | Nepal's first IT policy              |
| 2063      | 2007      | Electronic Transaction Act 2063 | Nepal's cyber law                    |
| 2067      | 2010      | IT Policy 2010                  | IT Parks, FOSS, data centers         |
| 2072      | 2015      | ICT Policy 2072                 | Comprehensive 37-objective framework |
| 2075      | 2018      | ITERT Directive 2075            | National CERT established            |
| 2075      | 2019      | Digital Nepal Framework         | 8-sector digital transformation plan |
| 2078      | 2021      | Govt Website Directive 2078     | Standards for government websites    |

## Year-by-Year Coverage

| Source    | Topics Covered                              | Group |
|-----------|---------------------------------------------|-------|
| LQ Set 4  | Govt Website Directive 2078 (provisions)    | B     |
| LQ Set 7  | ETA 2063 cyber offenses; E-commerce types   | B     |
| LQ Set 8  | ICT Policy (definition, importance)         | B     |
| LQ Set 9  | ICT Policy 2072 (major goals/objectives)    | B     |
| LQ Set 11 | Govt Website Directive (basic requirements) | B     |
| LQ Set 12 | GIDC (role and responsibility)              | B     |
| LQ Set 14 | ETA 2063 cyber offenses; E-commerce types   | B     |
| MD Q29    | What is cyber law?                          | —     |

## Exam Strategy for Unit 11

**High-Probability Topics (appeared 2+ times):**

- ETA 2063 cyber offenses and penalties ← appeared LQ7 AND LQ14 (very likely again)
- Government Website Directive 2078 ← appeared LQ4 and LQ11 (two angles)

**Medium-Probability Topics:**

- ICT Policy 2072 objectives ← appeared LQ8 and LQ9
- GIDC role and responsibility ← appeared LQ12

**Prepare but less frequent:**

- ITERT directive — listed on syllabus, not yet appeared in LQ sets (likely upcoming)
- MoCIT and DoIT functions — institutional knowledge questions

**Exam Tip:** Unit 11 is mostly short-answer (Group B). Expect one question from legislation (ETA 2063 or Govt Website Directive) and one from institutions (GIDC or MoCIT). Answers should be structured with numbered points and a table where possible.

---