

सशस्त्र प्रहरी बल प्रधान कार्यालय  
(मानवश्रोत विकास विभाग, भर्ना तथा छनौट शाखा)

प्राविधिक सशस्त्र प्रहरी नायब निरीक्षक, कम्प्युटर तर्फ, एसिस्टेन्ट नेटवर्क एडमिनिस्ट्रेटर पदको  
खुल्ला प्रतियोगात्मक प्रयोगात्मक परिक्षाको पाठ्यक्रम

प्रयोगात्मक परीक्षा पूर्णाङ्क :- ५०

प्रयोगात्मक परीक्षा योजना (Examination Scheme)

विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	समय
(क) प्रयोगात्मक-परीक्षा	५०	२५	प्रयोगात्मक	९० मिनेट

**1. Basic Concept on Computer Fundamentals**

- 1.1 Computer hardware and networking components identification
- 1.2 File and folder management

**2. Networking Basics**

- 2.1 Configuring computer network in a given environment
- 2.2 Concept about hub, switch, router, POE, media converter etc.
- 2.3 Using DOS for network issues and status of the computer.
- 2.4 Ethernet cable cramping and patching patch panel
- 2.5 Knowledge about Ethernet cables, fiber cables, twisted pair cables etc.

**3. Network Troubleshoot**

- 3.1 Troubleshooting different network issues.
- 3.2 Using different remote troubleshooting tools like Teamviewer, VNC etc.
- 3.3 Remote desktop sharing.

**4. Advance Networking**

- 4.1 Client server and peer to peer networking.
- 4.2 Configuring wireless DSL, ADSL routers with gave parameters for a defined scenario.
- 4.3 Identifying network and configuring routers with sub netting concept.
- 4.4 Configuring routers and layer 3 switches.
- 4.5 Proper Point to Point network configuration.
- 4.6 Concept about:
  - 4.6.1 VLSM
  - 4.6.2 Switching – VLAN

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4.6.3 Routing – RIP version I & II, OSPF, EIGRP etc.

4.6.4 VPN

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