

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

प्राविधिक सशस्त्र प्रहरी नायब निरीक्षक, कम्प्युटर तर्फ एडिस्टेन्ट सर्भर 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 Client server and peer to peer networking.

3. Network Troubleshoot

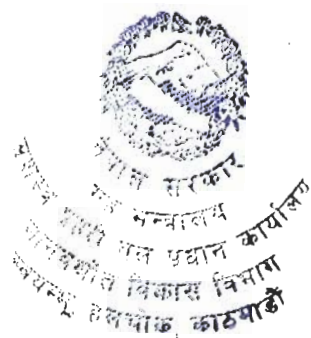
- 3.1 Troubleshooting different network issues.
- 3.2 Using different remote troubleshooting tools like Teamviewer, VNC etc.
- 3.3 Remote desktop sharing.

4. Server Administration

- 4.1 Concept of different types of servers (DHCP, DNS, Squid, Database, Mail, Web, Firewalls, Proxy etc.)
- 4.2 Basic command of Linux.
- 4.3 File editing tools (e.g. vi, vim etc.)
- 4.4 Linux static and dynamic IP configuration.
- 4.5 Server Scripting.
- 4.6 Concept of Server mirroring and replication.
- 4.7 Server log analyzing.
- 4.8 OS installation with necessary packages.



4.9 Scheduling cron jobs for automating server scripts.



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