

नेपाल सरकार
गृह मन्त्रालय
सशस्त्र प्रहरी बल प्रधान कार्यालय
(मानवश्रोत विकास विभाग, भक्तपुर तथा छनौट शाखा)

प्राविधिक सशस्त्र प्रहरी नायब निरीक्षक, कम्प्युटर स्क्वैड, हाडवयर टेक्निसियन 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 Configuring DSL, ADSL routers with given parameters for a defined scenario.

3. Network Troubleshoot

- 3.1 Troubleshoot different network issues for a desktop computer
- 3.2 Using different remote troubleshooting tools like Teamviewer, VNC etc.
- 3.3 Remote Desktop sharing

4. Computer Hardware

- 4.1 Chip level hardware issue identification and maintenance.
- 4.2 Identify hardware issue for a desktop computer as well as laptop.
- 4.3 Assembling and disassembling desktop computer as well as laptop.
- 4.4 Computer system recovery and restore.
- 4.5 Using storage devices maintenance tools like check disk, scan, defragment etc.
- 4.6 Operating system install (Windows- XP, win7, win8, or later, linux-centos, red hat, Ubuntu, fedora or similar)
- 4.7 Dual OS install in a single machine.
- 4.8 Basic computer peripherals maintenance.

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5. Hardware Troubleshoot

- 5.1 Identify problems and troubleshoot that with startup beep sounds.
- 5.2 Troubleshoot storage and memory issues of desktop computer.
- 5.3 Troubleshoot motherboard and graphics issues with suitable solution available.
- 5.4 Advanced level data recovery from formatted hard disk or any storage media.



9/3/15

2/10/15

8/10/15

9/10/15