प्राविधिक सशस्त्र प्रहरी सहायक निरीक्षक कम्प्युटर तर्फ सब 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

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. **Networking Advance**

    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 Concept of DHCP, DNS, Firewalls, proxy etc.

    4.5 Configure network with different network classes.