

Index of CompTIA A+ 220-801 and 220-802 Exam Objectives

220-801

1.0 PC Hardware

Objective	Page Number
1.1 Configure and apply BIOS settings.	9, 86, 89, 114
1.2 Differentiate between motherboard components, their purposes, and properties.	4, 11, 30
1.3 Compare and contrast RAM types and features.	4, 11, 178, 180, 189
1.4 Install and configure expansion cards.	282, 327
1.5 Install and configure storage devices and use appropriate media.	4, 11, 502, 512, 520, 526, 531, 538, 541
1.6 Differentiate among various CPU types and features and select the appropriate cooling method.	4, 11, 58, 69, 74
1.7 Compare and contrast various connection interfaces and explain their purpose.	4, 11, 208, 209, 218, 231, 240, 282, 502, 512
1.8 Install an appropriate power supply based on a given scenario.	4, 11, 130
1.9 Evaluate and select appropriate components for a custom configuration to meet customer specifications or needs.	314, 324
1.10 Given a scenario, evaluate types and features of display devices.	4, 11, 276, 292
1.11 Identify connector types and associated cables.	4, 11, 208, 209, 218, 221, 231, 240, 249, 274, 282, 285
1.12 Install and configure various peripheral devices.	251, 258, 259, 260, 327

2.0 Networking

Objective	Page Number
2.1 Identify types of network cables and connectors.	801
2.2 Categorize characteristics of connectors and cabling.	801
2.3 Explain properties and characteristics of TCP/IP.	792
2.4 Explain common TCP and UDP ports, protocols, and their purpose.	799
2.5 Compare and contrast wireless networking standards and encryption types.	811
2.6 Install, configure, and deploy a SOHO wireless/wired router using appropriate settings.	811, 815
2.7 Compare and contrast Internet connection types and features.	778
2.8 Identify various types of networks.	770, 809
2.9 Compare and contrast network devices and their functions and features.	770, 814
2.10 Given a scenario, use appropriate networking tools.	808

3.0 Laptops

Objective	Page Number
3.1 Install and configure laptop hardware and components.	346, 354
3.2 Compare and contrast the components within the display of a laptop.	368
3.3 Compare and contrast laptop features.	374

4.0 Printers

Objective	Page Number
4.1 Explain the differences between the various printer types and summarize the associated imaging process.	450, 455, 459, 461
4.2 Given a scenario, install and configure printers.	464
4.3 Given a scenario, perform printer maintenance.	478

5.0 Operational Procedures

Objective	Page Number
5.1 Given a scenario, use appropriate safety procedures.	930
5.2 Explain environmental impacts and the purpose of environmental controls.	154, 155, 935
5.3 Given a scenario, demonstrate proper communication and professionalism.	939
5.4 Explain the fundamentals of dealing with prohibited content/activity.	938

220-802

1.0 Operating Systems

Objective	Page Number
1.1 Compare and contrast the features and requirements of various Microsoft Operating Systems.	606, 609
1.2 Given a scenario, install and configure the operating system using the most appropriate method.	566, 592, 595
1.3 Given a scenario, use appropriate command line tools.	621
1.4 Given a scenario, use appropriate operating system features and tools.	589, 640, 650, 661
1.5 Given a scenario, use Control Panel utilities (the items are organized by "classic view/large icons" in Windows).	673
1.6 Setup and configure Windows networking on a client/desktop.	815
1.7 Perform preventive maintenance procedures using appropriate tools.	744
1.8 Explain the differences among basic OS security settings.	892
1.9 Explain the basics of client-side virtualization.	692

2.0 Security

Objective	Page Number
2.1 Apply and use common prevention methods.	873, 899
2.2 Compare and contrast common security threats.	873
2.3 Implement security best practices to secure a workstation.	870
2.4 Given a scenario, use the appropriate data destruction/disposal method.	898
2.5 Given a scenario, secure a SOHO wireless network.	883
2.6 Given a scenario, secure a SOHO wired network.	891

3.0 Mobile Devices

Objective	Page Number
3.1 Explain the basic features of mobile operating systems.	404
3.2 Establish basic network connectivity and configure email.	412
3.3 Compare and contrast methods for securing mobile devices.	429
3.4 Compare and contrast hardware differences in regards to tablets and laptops.	398
3.5 Execute and configure mobile device synchronization.	424

4.0 Troubleshooting

Objective	Page Number
4.1 Given a scenario, explain the troubleshooting theory.	14
4.2 Given a scenario, troubleshoot common problems related to motherboards, RAM, CPU, and power with appropriate tools.	15, 52, 110, 141, 161, 192, 231, 240
4.3 Given a scenario, troubleshoot hard drives and RAID arrays with appropriate tools.	15, 542
4.4 Given a scenario, troubleshoot common video and display issues.	297
4.5 Given a scenario, troubleshoot wired and wireless networks with appropriate tools.	15, 846, 851
4.6 Given a scenario, troubleshoot operating system problems with appropriate tools.	706, 709, 714, 717
4.7 Given a scenario, troubleshoot common security issues with appropriate tools and best practices.	899
4.8 Given a scenario, troubleshoot and repair common laptop issues while adhering to the appropriate procedures.	353, 382
4.9 Given a scenario, troubleshoot printers with appropriate tools.	15, 484