COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 10: ESSENTIAL PERIPHERALS

OBJECTIVE MAPPING*

EPISODE: OPTICAL MEDIA

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.4 Given a scenario, select, install and configure storage devices
- Optical drives
  - CD-ROM/CD-RW
  - DVD-ROM/DVD-RW/DVD-RW DL
  - Blu-ray
  - BD-R
  - BD-RE

EPISODE: USB STANDARDS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.1 Explain basic cable types, features, and their purposes
- Multipurpose cables
  - USB
  - USB-C
  - USB 2.0
  - USB 3.0

3.2 Identify common connector types
- USB
- Micro-USB
- Mini-USB
- USB-C

EPISODE: UNDERSTANDING USB

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.1 Explain basic cable types, features, and their purposes
- Multipurpose cables
  - USB
  - USB-C
  - USB 2.0
- USB 3.0

3.2 Identify common connector types
- USB

EPISODE: CONFIGURING USB

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.1 Explain basic cable types, features, and their purposes
- Multipurpose cables
    - USB
    - USB-C
    - USB 2.0
- USB 3.0

3.2 Identify common connector types
- USB

EPISODE: THUNDER AND LIGHTNING

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.1 Explain basic cable types, features, and their purposes
- Multipurpose cables
    - Lightning
    - Thunderbolt

3.2 Identify common connector types
- Lightning

EPISODE: KEYBOARDS AND MICE

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.6 Explain the purposes and uses of various peripheral types
- Mouse
- Keyboard

EPISODE: SIGHT AND SOUND

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.6 Explain the purposes and uses of various peripheral types
- Camera/webcam
- Speakers

EPISODE: READERS AND SCANNERS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.4 Given a scenario, select, install and configure storage devices
- Flash
    - SD card
    - CompactFlash
    - Micro-SD card

- Mini-SD card
- xD

3.5 Explain the purposes and uses of various peripheral types
- ADF/flatbed scanner
- Barcode scanner/QR scanner
- Magnetic reader/chip reader
- Smart card reader

EPISODE: USING EXPANSION CARDS

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards
- Motherboard connectors types
  - PCIe
- Expansion cards
  - USB expansion card

DOMAIN 5.0 - HARDWARE AND NETWORK TROUBLESHOOTING

5.2 Given a scenario, troubleshoot problems related to motherboards, RAM, CPUs, and power

- Common symptoms
  - Proprietary crash screens (BSOD/pin wheel)

*This document can be used to determine what CompTIA A+ exam objectives are in each episode, as well as map where those objectives are in the official "CompTIA A+ 220-1001 Exam Objectives (2.0)" PDF resource that accompanies this course.