# *Mike Meyers’ CompTIA A+® Guide to Managing and Troubleshooting PCs, Fifth Edition (Exam 220-901 & 220-902)*

# Chapter 1 Solutions

## Key Term Quiz Answers

1. You become CompTIA A+ certified by passing the *CompTIA 220-901* and CompTIA A+ 220-902 exams.
2. A *certification* gives clients and employers a level of confidence that you can do what you say you can do.
3. A term for a person who builds and maintains computers is *PC tech*.
4. The *Pearson VUE* company administers the CompTIA A+ certification exams.
5. You can use a *voucher* when you schedule your exam to save some money.
6. Persons desiring to work in Windows-based networking should pursue *Microsoft Certified Solutions Expert (MCSE)* certification after completing their CompTIA certifications.
7. You can find the latest information about the CompTIA A+ certification exams here: *www.comptia.org*.
8. Typically, techs who attain CompTIA A+ certification then pursue *CompTIA Network+ certification* to add to their computer credentials.
9. A grouping of computers that enables people to share resources is called a *network*.

## Multiple-Choice Quiz Answers

1. Which of the following certifications is the de facto requirement for entrance into the PC industry?
   1. Certified Cisco Network Associate
   2. CompTIA A+
   3. CompTIA Network+
   4. Microsoft Certified Solutions Expert

**Answer: B**

1. John loves the Internet and wants a career working on the machines that make the Internet work. He has completed both CompTIA A+ and CompTIA Network+ certifications. Which of the following certifications would make a good next step?
   1. Cisco Certified Network Associate
   2. Certified Cisco Network Professional
   3. CompTIA Security+
   4. Microsoft Certified Solutions Expert

**Answer: A**

1. Which of the following exams focuses on installing, configuring, and maintaining all the standard hardware technology involved in a personal computer?
   1. Certified Cisco Network Associate
   2. CompTIA A+ 220-901
   3. CompTIA A+ 220-902
   4. Microsoft Certified Solutions Expert

**Answer: B**

1. At which of the following Web sites can you register to take the CompTIA A+ certification exams?
   1. www.comptia.org
   2. www.microsoft.com
   3. www.totalsem.com
   4. www.vue.com

**Answer: D**

1. How many exams must you pass to become CompTIA A+ certified?
   1. One
   2. Two
   3. Three
   4. Four

**Answer: B**

1. How much practical IT experience do you need to become CompTIA A+ certified?
   1. Six months
   2. One year
   3. Two years
   4. None

**Answer: D**

1. How many questions should you expect on the 220-901 exam?
   1. 25
   2. 50
   3. 90
   4. The number of questions varies because the exams are adaptive.

**Answer: C**

1. The CompTIA A+ certification covers which of the following operating systems? (Select three.)
   1. Linux
   2. Mac OS X
   3. Windows XP Media Center
   4. Windows 7

**Answer: A, B, D**

1. What percentage of questions should you expect on Windows operating systems in the 220-902 exam?
   1. 12%
   2. 22%
   3. 24%
   4. 29%

**Answer: D**

1. What percentage of questions should you expect on networking in the 220-901 exam?
   1. 34%
   2. 17%
   3. 28%
   4. 21%

**Answer: D**

1. How much does it cost to take each exam (at the time of this book’s publication)?
   1. $100 each
   2. $138 each
   3. $194 each
   4. $150 each

**Answer: C**

1. What percentage of questions should you expect on Windows 10 in the 220-902 exam?
   1. 10%
   2. 13%
   3. 20%
   4. 0%

**Answer: D**

1. The 220-901 exam will *not* test you on which of the following computer components?
   1. Biometric devices
   2. Keyboards
   3. Printers
   4. Zip drives

**Answer: D**

1. If you skip the continuing education path to recertify, how often do you need to take the CompTIA A+ exams to retain your status as a CompTIA A+ certified technician?
   1. Every year
   2. Every three years
   3. Every ten years
   4. Never

**Answer: B**

## Essay Quiz Answer

1. Write a short essay on the benefits of certification in the field of computers. Include discussion on how the CompTIA certifications function within the broader category of computer certification. Why do you suppose people get certifications rather than (or in addition to) two- and four-year college degrees in IT?

**Answer:** Possible answers might include discussion about showing competency in a specific specialty and being so dedicated to your profession or desired profession to get a certification. A good answer would also include CompTIA exams as the specific stepping stones into higher-level certifications from Microsoft or Cisco.