

## Fundamentals of Computing – Test of Knowledge

**Question 1: What is the main difference between MS-DOS and modern operating systems?**

- A: It was graphical in its user interface
- B: It was not graphical in its user interface
- C: It required a mouse to be used
- D: No one knows.

**Question 2: Which drive letter would a cd-rom drive get in a MS-DOS based system?**

- A: Drive A
- B: Drive B
- C: Drive C
- D: Drive D or beyond in the alphabet depending on how many partitions your harddrive had.

**Question 3: What is the meaning of the CPU?**

- A: Computer Process Unit
- B: Computer Processing Unit
- C: Central Processing Unit
- D: Central Percent Unit

**Question 4: What does 00000101 signify in binary notation?**

- A: 2
- B: 3
- C: 4
- D: 5

**Question 5: What is the role of the bus?**

- A: To take people back and forth from work
- B: To take people back and forth from work
- C: To move data between the CPU and peripheral units on the motherboard
- D: It has no role

**Question 6: Why does a computer have a BIOS?**

- A: It is the basic input output system that allows the motherboard to interact with the OS in a unified way
- B: They had extra space on the motherboard, and decided to fill it with a BIOS
- C: We don't know
- D: Does it?

**Question 7: What is the BSD?**

- A: Basic System Diagnostic
- B: Blue Screen of Death
- C: Behind Something Digital
- D: Black Sleep Disorder

**Question 8: What are two important factors when considering buying a new hard drive?**

- A: RPM speed and cache size
- B: RPM speed only
- C: Cache size only
- D: Just buy the most expensive one!

**Question 9: What is the main reason to choose a cabled network over WiFi?**

- A: Network speed
- B: Security
- C: Network speed only
- D: Network speed and security combined

**Question 10: Why would you choose a WiFi-network?**

- A: When you want the flexibility of not being cable-bound
- B: When you implement wireless security to control who has access to the network
- C: When you want to move around computers, and want full access to data in meeting rooms
- D: All of the above

**Question 11: Why is it important that systems are scalable?**

- A: I don't know
- B: I don't remember
- C: Scalable systems can grow as your business grows
- D: Scalability is just a buzz word among it-professionals

### **Answers:**

- 1 – B – MS-DOS was text and command-based
- 2 – D – A and B were used for floppies, C for the first harddrive partition
- 3 – C – CPU stands for Central Processing Unit
- 4 – D – 00000101 is 5 in the binary notation system
- 5 – C – The role of the bus is to move data between the CPU and units on the motherboard
- 6 – A - It is the Basic Input Output System to interact with the OS in a unified way
- 7 – B – Blue Screen of Death – see lesson 4 if in doubt about the meaning
- 8 – A – You need to consider both the RPM speed and cache size, and check customer reviews
- 9 – D - Network speed and security combined, no overhead lost in wireless transfer (lesson 6)
- 10 – D – All of the above is the right answer (lesson 6)
- 11 – C – Your systems should be able to grow as your business grows (lesson 9)