

Qualification Code :

Qualification: ICT TECHNICIAN Level 6

Unit Code: ICT/CU/IT/CR/2/6

Unit of Competency: INSTALL COMPUTER SOFTWARE

WRITTEN ASSESSMENT CANDIDATES TOOL

SECTION A (40 MARKS)

Answer all the questions

1. Define the following terms as used in computers (2 marks)
 - a. Installation
 - b. Operating System
2. Differentiate between the following Terms (4 Marks)
 - i. Firmware and software
 - ii. System software and application software
3. Explain the importance of software updates and how they can be installed. (4 marks)
4. Describe any Four functions of an operating system (4 marks)
5. Describe the step-by-step procedure of installing the operating system (6 marks)
6. Define a BIOS, and give its functions of a BIOS. (4 Marks)
7. You have been invited by your former secondary school to give a talk to the computer students. The teacher has asked you to mainly deal on what the students should consider when choosing computer memory. Write down what you will prepare for the presentation. (3 Marks)
8. List any three different media can be used for booting computers (3 marks)
9. Describe any three functions of an operating system (6 marks)
10. James a cyber attendant is having problems starting his desktop one morning. Kindly advise him on the booting process. (4 Marks)

SECTION B (60 MARKS)

Answer any Three Questions

11. a) Write short notes on what disk space management entails (6 marks)
 - a. An operating system plays a crucial role in computers, Briefly Discuss any Five functions of the OS. Give atleast three examples of the Operating systems that you know (14 Marks)

12. Define the following terms as applied in computer systems and give an example of each:
- i. Device driver (3 marks)
 - ii. Software (3 marks)
 - iii. Define backup (2 mark)
- a. Discuss any types of back-types (12 marks)
13. a) Compare 32-bit operating system with 64-bit operating system (3 marks)
- a. Give three reasons why it is important to enable Windows XP automatic update in your computer system (3 marks)
 - b. Define a BIOS, and give three functions of a BIOS. (4 Marks)
 - c. Define the following terms in relation to disks.
 - i. Disk portioning (2 Marks)
 - ii. Disk formatting (2 Marks)
 - d. Explain how hard disk partitioning is done, and the advantages of disk partitioning. (6 marks)
15. a) Broadly explain the differences between application software and system software. (8 Marks)
- b) Explain how hard disk partitioning is done, and the advantages of disk partitioning. (6 Marks)
- c) Define a device driver, on the same describe the importance of having device drivers. (6 Marks)
16. a) Differentiate the following terms giving examples in each (8 marks)
- i. system software and Operating system
 - ii. Utility program and applications software
- b) Briefly describe the boot sequence (6 marks)
- c) Give different functions of boot during OS installation (6 marks)