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University Examinations 2023/2024

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DIPLOMA IN
INFORMATION TECHNOLOGY

CIT 2313: INSTALLATION OF SOFTWARE AND HARDWARE

DATE: APRIL 2024

TIME: 1¹/₂ HOURS

INSTRUCTIONS:

1. Answer Question ONE, and any other TWO
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QUESTION ONE (30 MARKS)

- a) Define the following terms as applied in computer systems and give an example of each:
 - (i) Device driver (2 marks)
 - (ii) Software (2 marks)
- b) Highlight any two differences between **RAM** and **ROM** (4 marks)
- c) Define the following terms in relation to disks.
 - (i) Disk partitioning (2 Marks)
 - (ii) Disk formatting (2 Marks)
- d) Discuss four hardware components. (8 Marks)
- e) 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. (6 Marks)
- f) Define a **BIOS**, and give three functions of a **BIOS**. (4 Marks)



QUESTION TWO (15 MARKS)

a)

- i. Define backup (1 mark)
- ii. Discuss any four types of back-types (8 marks)

b) Discuss any three ports found in a computer system for connecting peripheral devices (6 marks)

QUESTION THREE (15 marks)

- a) Explain how you can add a program shortcut on the desktop (4 marks)
- b) David a cyber-attendant wants to install some software for the new machines he just bought for his business. List down 5 software's that he can install in a computer? (5 marks)
- c) Describe the step-by-step procedure of installing the operating system (6 marks)

QUESTION FOUR (15 MARKS)

- a) Briefly describe the boot sequence (4 marks)
- b) Describe the installation and configuration process for printers. (4 marks)
- c) Compare 32-bit operating system with 64-bit operating system (4 marks)
- d) Give three reasons why it is important to enable Windows XP automatic update in your computer system (3 marks)