

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2015/2016**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE**

**OF BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

**BIT 2120: INSTALLATION AND CUSTOMIZATION**

**DATE: DECEMBER 2015 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (COMPULSORY) (30 MARKS)**

1. User Account Control (UAC) is a window OS feature.

What is its function? [2 marks]

1. What is the difference between CMOS and BIOS? [4 marks]
2. Explain the functions of the following windows OS commands:
3. msconfig
4. dxdiag
5. explorer

[6 marks]

1. List and explain the common problems that affect commercial power. [4 marks]
2. Define track, sector and cluster as used in hard disk drive storage

Technology. [6 marks]

1. Discuss the valid commands that can be entered at the

command prompt. [8 marks]

**QUESTION TWO (20 MARKS)**

1. Explain any FIVE ways you would protect your computer

equipment from electrostatic discharge during installation or repair. [10 marks]

1. Between a Workgroup and a Domain in window OS? State the

procedure to follow when joining a workgroup or a domain. [10 marks]

**QUESTION THREE (20 MARKS)**

1. Discuss any TEN symptoms of an infection in a computer system. [10 marks]
2. There are numerous expansion cards you can purchase and add to

your computer. List and explain the functionality of at least FIVE. [10 marks]

**QUESTION FOUR (20 MARKS)**

1. Windows OS has a number of administrative tools. Name and

discuss at least FIVE such tools. [10 marks]

1. List and explain the functionalities of any FIVE key components

that can be found on a computer motherboard. [10 marks]

**QUESTION FIVE (20 MARKS)**

1. The firewall in windows provides various protection levels.

Discuss network discovery, the network locations and the different

risk levels all associated with the firewall. [10 marks]

1. There are various ways to the content of your computer in

windows OS. Discuss any FIVE ways. [10 marks]