

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

## JOMO KENYATTA UNIVERSITY

**OF AGRICULTURE AND TECHNOLOGY**

# University Examinations 2016/2017

**YEAR ONE SEMESTER ONE/YEAR ONE SEMESTER TWO EXAMINATIONS FOR THE DIPLOMA IN INFORMATION TECHNOLOGY**

**DIT 0204: INSTALLATION AND CUSTOMIZATION**

**DATE: APRIL 2017 TIME: 1.5 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO**

QUESTION ONE (30 MARKS)

a) Give a definition of the following;

i) File system (2 marks)

ii) Operating system (2 marks)

iii) Disk partitioning (2 marks)

iv) Antivirus (2 marks)

v) Back up (2 marks)

vi) Disk Space (2 marks)

b) What are the minimum system requirement for windows 7 operating system (5 marks)

c) Briefly explain the procedures of installing windows 7 operating system (10 marks)

d) List down basic applications or things needed to be installed after windows installation (4 marks)

QUESTION TWO (15 MARKS)

a) What is a cable (2 marks)

b) Briefly explain 10 types of cables (10 marks)

c) What is a twisted-pair type of cabling? Give the two examples of twisted pair cabling (3 marks)

QUESTION THREE (15 MARKS)

a) State and explain two formatting procedures before you can write user data to a disk (8 marks)

b) List down the common file systems used by operating systems

(3 marks)

c) How does data structure enable an operating system (3 marks)

d) What is defragmenting (1 mark)

QUESTION FOUR (15 MARKS)

a) Briefly explain what is a Master Boot Record (MBR) (5 marks)

b) List down the NTFS features (4 marks)

c) What is a hardware diagnostic tool? List down five types of office diagnostic (6 marks)

QUESTION FIVE (15 MARKS)

a) What is a computer virus (2 marks)

b) List 5 types of anti-virus (5 marks)

c) What do the following combination of keys shortcuts perform

.Ctrl + C

.Ctrl + V

.Ctrl +I

.Ctrl + B

.Ctrl + U

.Ctrl + A

.Ctrl + X

.Shift + Delete