TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

Select department

UNIVERSITY EXAMINATION FOR:

CBCE,SCAM

EIT1101: COMPUTER APPLICATION

END OF SEMESTER EXAMINATION

SERIES: AUGUST2019

TIME: 2HOURS

DATE: Pick DateSelect MonthPick Year

Instructions to Candidates
You should have the following for this examination
-*Answer Booklet, examination pass and student ID*
This paper consists of **FIVE** questions. Attemptquestion ONE (Compulsory) and any other TWO questions.
Do not write on the question paper.

Question ONE

1. Define the following terms   (5 Marks)

   i.   Computer

   ii.   Computer Application

   iii. Computer Program

   iv.   Plotter

   v.   Random Access Memory

2. State ANY five advantages of a computer system   (5 Marks)

3. Discuss FIVE main areas of ICT applications   (10 Marks)

Question TWO

1. Differentiate between RAM and ROM (6 Marks)
2. Discuss the components of a computer system (10 Marks)
3. State the functions performed by the left mouse button (4 Marks)

Question THREE

1. Windows is a series of operating systems developed by Microsoft. Each version of Windows includes a graphical user interface, with a desktop that allows users to view files and folders in windows. State and explain the THREE main types of windows (6 Marks)
2. Using a well elaborated diagram, Discuss the data processing life cycle (10 Marks)
3. Explain the following components of a window (4 Marks)
   i.   Title bar
   ii.   Menu bar
   iii.   Control Menu bar
   iv.   Terminate button

Question FOUR

1. State and explain the THREE main components of a CPU (6 Marks)
2. State the main purpose of Microsoft Office Word (5 Marks)
3. State the steps that a user will follow to insert page numbers (3 Marks)
4. State and explain the THREE elements of formulas (6 Marks)

Question FIVE

1. Explain the following terminologies as used in spread sheet software (5 Marks)
   i.   Cell
   ii.   Formula
   iii.   Functions
   iv.   Worksheet
   v.   Workbook
2. The following diagram contains scores of five students:

	A	B	C	D	E	F	G
1.	STUDENT	COMP	ZOO	MATH	SCI	TOTAL	HIGHEST SCORE
2.	MITCHEL	75	65	80	78		
3.	SIMON	80	78	58	72		
4.	MARY	75	78	64	80		
5.	SOFIE	65	84	78	81		
	COUNT						

Expected:

Write Ms Excel formulae to calculate:

i.   Total score for each student   (2 Marks)

ii.   Highest score per subject   (2 Marks)

iii.   To count number of items per subject.   (2 Marks)

3. Explain the following Data types as used by Database management systems.
   i.   Primary key

   ii.   OLE object

   iii.   Hyperlink

   iv.   Memo   (4 Marks)
4. Draw the basic window of Microsoft Office Word   (5 Marks)