UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER 2017-18

PROGRAMME:	:	**B.SC. ABE YEAR 1**
	:	**B.SC. AG. ECON. & AGBMGT YEAR 1**
	:	**B.SC. AG. EDUCATION YEAR 1**
	:	**B.SC. AG. EXT. YEAR 1**
	:	**B.SC. ANI. SCI. YEAR 1**
	:	**B.SC. AGRON. YEAR 1**
	:	**B.SC. ANI. SCI. (D) YEAR 1**
	:	**B.SC. CONSUMMER SCIENCE YEAR 1**
	:	**B.SC. COS. ED.YEAR 1**
	:	**B.SC. FSNT YEAR 1**
	:	**B.SC. HORT. YEAR 1**
	:	**B.SC. TADM YEAR 1**

PAPER	:	**AEM 105**
TITLE OF PAPER	:	INTRODUCTION TO COMPUTERS
TIME ALLOWED	:	**TWO HOURS**
TOTAL MARKS	:	**100**
INSTRUCTIONS	:	1. ANSWER **ALL** QUESTIONS IN ALL SECTIONS
		2. ANSWER **ALL** QUESTIONS ON THE QUESTION PAPER. YOU **DO NOT NEED AN EXAMINATION ANSWER FOLDER.**
		SUBMIT THIS QUESTION PAPER, DO NOT REMOVE IT FROM THE EXAMINATION ROOM.
		3. QUESTIONS CARRY MARKS AS INDICATED IN THIS PAPER.

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR.

Candidate's Examination Number (Student ID No.)   :

Candidate's Examination Seat Number   :

PROGRAMME/COURSE   :

Date of Examination/Time   :

Venue of Examination   :

SECTION- A (Total Marks: 20)

1. What is Computer Architecture? Write down the name of Three different types of processor.   (Marks: 2+ 3= 5)

_____

_____

_____

_____

_____

_____

i. _____

ii. _____

iii. _____

2. What is software? Write down the name of Three data analysis software.
                                                (Marks: 2+3 = 5)

_____

_____

_____

i. _____

ii. _____

iii. _____

3. What is Booting in computer?   **(Marks: 05)**

_____

_____

_____

_____

_____

4. What is storage device in computer?   **(Marks: 05)**

_____

_____

_____

_____

_____

SECTION- B
(Total Marks: 20)

1. Fill in the blanks   **(08 marks total, 2.0 marks each)**

i. 1 Kibibyte = ------------------------------- Bits.

ii. 1 Gibibyte = ------------------------- Kibibyte

iii. 5 Petabyte = ----------------------- Gigabytes

iv. 1 Gigabyte = ----------------------- Megabyte.

2. Mark (**X**) to select the correct and appropriate answer

(Total Marks: 12, each question is 02 marks)

i. A programme that refers to several single user operating systems developed by Microsoft in the early 1980s for personal computers.

a. UNIX ( )   b. LINUX ( )   c. Mac OS X ( )
d. DOS   ( )   e. None of them ( )

ii. A set of program containing instructions that coordinate all the activities among computer hardware devices

a. Instruction Register ( ) b. Utility program ( )   c. User Interface ( )
d. Application Program ( ) e. Maintenance File ( )

iii. In the MS-Word while typing a word/sentence in a document, the word/phrase with underline in green color indicates.

a. Grammatical mistake ( ) b. Spelling mistake ( )   c. a. and b. ( )
d. Inserting mistake ( )   e. None of them ( )

iv. James Power and Herman Hollerith invented

a. Analog Computer ( ) b. Digital Computer ( )   c. Binary System ( )
d. Punch Card ( )   e. None of them ( )

v. In the computer, the Magnetized memory is known as

a. RAM ( )   b. ROM ( )   c. NUMA ( )   d. DMA ( )
e. ISA ( )   f.   None of them ( )

vi. To copy a file using WINDOWS from "My Document" folder to a flash identified by the system as drive F: the following options is/are used in the EDIT menu

a. Cut ( )   b. Copy ( )   c. Paste ( )   d. a. and b. ( )
e.   b. and c. ( )   f.   None of them ( )

SECTION- C (Total Marks: 30)

1. Write down the full- form of the following abbreviations

(Total Marks: 16, 02 marks each)

a. GUI: _____

b. BIOS: _____

c. SNOBOL: _____

d. CPM: _____

e. NUMA: _____

f. ISA: _____

g. SPSS: _____

h. MMU: _____

2.

i. Write down the appropriate DOS Command

(Total Marks: 07, 01 mark each)

a. For the creation of Directory :

b. To change the directory :

c. For the removal of Directory :

d. For removal of File :

e. For the change of file name :

f. To clear the screen :

g. From command prompt to Windows :

ii. Write Down the Command for Microsoft Office (Shortcut Key)
                                        (Total Marks: 07, 01 mark each)

        a. For Inserting Footnote   :

        b. For equation   :

        c. Superscript   :

        d. Increase the font size   :

        e. For the thesaurus   :

        f. For page break   :

        f. For the help   :

SECTION- D (Total Marks: 30)

1. Write the Syntax in DOS   **(15 marks total, 03 marks each)**

i. How to remove the directory Khumalo in flash drive (D:) ?

C:\> _____

ii. How to remove the file Dlamini.PRG from computer hard drive (C:) ?

D:\> _____

iii. How to create the sub-directory (Masuku) in Luyengo directory (C:) ?

C:\Luyengo>_____

iv. How to change the sub directory (Masuku) to the Uniswa directory ?

C:\Uniswa\Masuku>_____

v. How to copy the file Dlamini.DOC from Uniswa directory in computer hard drive (C:) to flash drive (E:) with same name ?
D:\> _____

2.

i. What is the importance of binary system in computer? **(Marks: 05)**

_____

_____

_____

_____

ii. Conversion

a. Binary Number 11011001_2 convert into Decimal Number **(Marks: 05)**

b. Decimal Number 179.75_{10} convert into Binary Number **(Marks: 05)**

89

FOR EXAMINER'S USE ONLY

SECTION (Marks)	INTERNAL EXAMINER		INTERNAL MODERATOR	
	MARKS	SIGNATURE	MARKS	SIGNATURE
A (Marks:20)				
B. (Marks:20)				
C. (Marks:30)				
D (Marks:30)				
TOTAL (100)				