UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMME:	:	B.SC. AG. ECON. & AGBMGT YEAR 1
	:	B.SC. AG. EDUC. & EXT. YEAR 1
	:	B.SC. ANI. SCI. YEAR 1
	:	B.SC. AGRON. YEAR 1
	:	B.SC. HORT. YEAR 1
	:	B.SC. LWM YEAR 1
	:	B.SC. HOME ECON. YEAR 1
	:	B.SC. FSNT YEAR 1
	:	B.SC. TADM YEAR 1
	:	B.SC. HOME ECON. ED.YEAR 1
	:	M.SC. PROGRAMMES YEAR 1

PAPER   :   AEM 102

TITLE OF PAPER   :   INTRODUCTION TO COMPUTERS

TIME ALLOWED   :   TWO HOURS

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 INVIGILATOR.

Candidate's Examination Number (ID):

Candidate's Examination Seat Number:

Time of Examination   :

Date of Examination   :

Venue of Examination

SECTION- A

(Total Marks: 30)   (Each question is 2 marks)

Select the correct answer (X)

1. In contrast to early computers, today's computers are

a. Faster ( )   b. Available to more people ( ) c. more expansive ( )
d. a. and b. ( )   e. b. and c. ( )   f. None of them ( )

2. In handling floppy (diskettes), one must remember to

a. Store them away from magnets ( )   b. Store them in non dusty places ( )
c. Not touch the magnetic material on the diskette
d. a. and b. ( )   e. b. and c. ( )   f.   a., b. and c. ( )

3. Lebniz digital computer only facility was/were available

a. Addition & subtraction ( )b. Multiplication & Division ( )
c. Integration & Differentiation ( ) d. a. and b. ( )   e. b. and c. ( )
f. a., b. and c. g. a. and c. ( )   h. None of them ( )

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

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

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

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

6. Loading the essential part of the main operating system the internal
   memory of the computer is referred to as

a. Handling ( )   b. Logging in ( )   c. Heading ( )
d. Formatting ( )   e. Booting ( )

7. Punch Card was introduced by

a. James Blake ( )   b. B. Pascal ( )   c. G. Wilhelm ( )
d. Herman Hollerith ( )   e.   J. V. Neumann ( )   f. None of them ( )

8. Colmer was invented by

a. Analog Computer ( ) b. Computer Memory ( )   c. Binary System ( )
   d. System Information ( )   e. None of them ( )

9. In the computer, the volatile memory is/ are known as

a. REM ( )   b. ROM ( )   c. RAM ( )   d. REM & RAM ( )
e. RAM and ROM ( )   f.   RAM, REM and ROM ( )

10. The part of the computer that display the output is the

a. CPU ( )   b. Graphic Table ( )   c. Mouse ( ) d. Monitor ( )
e. Keyboard ( )   f.   None of them ( )

11. Memory in which information is stored when the power is off is referred
    to as

a. Hard Disk ( )   b. RAM ( )   c. ROM ( )
d. b. and c. ( )   e. c. And d. ( )   f. None of them ( )

12. The function of a MODEM is to convert signal from

a. Digital to Analog ( ) b. Analog to sine wave ( )   c. a. and b. ( )
d. Analog to Digital ( )   e. b. and d. ( )   f. a. and d. ( )
g. None of them ( )

13. To copy a file using WINDOWS from "My Document" folder to a flash
    identified by the system as drive H 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 ( )

14. The unit that performs arithmetic and logical operations is called

a. ALU ( )   b. Editing ( )   c. Storage ( ) d. output ( )

15.FOXPRO helps to/in
a. Word Processing ( ) b. Configure the hard disk ( ) c. a and b. ( )
d. Data Management ( ) e. Analysis of data ( )   f. d. and e. ( )

SECTION- B

Total Marks: 40

1. Write down the full form of .   (14 marks total, 2 marks each)

SPSS:_____

SDLC :_____

MODEM:_____

UPS :_____

FORTRAN-IV:_____

CPM:_____

SNOBOL:_____

2. Matching   (12 marks total, 2 marks each)

(-------) CELERON   1. Computer Architecture

(-------) Microsoft Excel   1. Operating System

(-------) Data path & Control   2. Computer Language

(-------) EXABIT   3. Spreadsheet

(-------) LINUS   4. Computer Processor

(-------) COBOL   5. Memory unit

3. Write the Commands (Syntax) in DOS   (Marks: 06, 2.0 marks each)

a. Copy the file Luyengo.Doc from UNISWA directory of Hard Disk to floppy (B)

---

b. For the creation of New Directory UNISWA on A root

---

c. Write the copy commands for all the files from floppy (A) to Computer Hard Disk (C)

---

4. Conversion   (Total Marks : 08)

a. Binary Number 110110_2 convert into Decimal Number   (Marks: 4)

b. Decimal Number 39_{10} convert into Binary Number   (Marks: 4)

SECTION- C

Total Marks: 30

1. What is the software? Write down the three database software.
                                                    (Marks: 03+03=06)

_____

_____

a _____

b. _____

c. _____

2. What is the Operating System (O.S.)? Write down the three O.S.
                                        (Marks: 03+03=06)

_____

_____

_____

1. _____

2. _____

3. _____

3. Write down the name of four windows of the basic analysis in SPSS
                                        (Marks: 08)

a._____

b._____

c._____

d._____

4. Describe the five main components of computer architecture (Marks: 05)

a. _____

b._____

c. _____

d._____

e. _____

_____

5. Write down the key components of a spreadsheet and three available commercial spreadsheets

(Marks: 02+03=05)

a. _____

b._____

c._____

d._____

1. _____

2._____

3._____

_____

FOR EXAMINERS' USE ONLY

SECTION	INTERNAL EXEMINER		INTERNAL MODERATOR	
	MARK	SIGNATURE	MARK	SIGNATURE
A (Marks: 30)				
B. (Marks: 40)				
C. (Marks: 30)				
Total Marks:100				