UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER 2013

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. ANI. SCI. (D) YEAR 1
: B.SC. HORT. YEAR 1
: B.SC. ABE YEAR 1
: B.SC. CONSUMMER SCIENCE YEAR 1
: B.SC. FSNT YEAR 1
: B.SC. TADM YEAR 1
: B.SC. COS. 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 :

PROGRAMME/COURSE :

Date of Examination/Time :

Venue of Examination :

SECTION- A

(Total Marks: 30)   **(Each question is 2 marks)**
Select the correct and appropriate 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. In the 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
   initialization 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 Blayer ( )   b. B. Pascal ( )   c. G. Wilhelm ( )
d. Herman Hollerith ( )   e. P. J. Eckert ( )   f.   J. V. Neumann ( )
f. None of them ( )

8. Colmar 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   **(Marks: 10, 2.0 marks each)**

SPSS:_____

SDLC _____

MODEM_____

SNOBOL _____

MMU_____

2. Write down appropriate Command (WINDOWS/DOS)
                                        (Marks: 10 , 2 marks each)

   a.   For the creation of New Directory (DOS)   :

   b.   How to clear the screen (DOS)   :

   c.   How to type subscript   :

   d.   How to increase the font size   :

   e.   How to check the spelling mistake   :

3. Matching   **(Marks: 10, 2 marks each)**

(-------) RAM   1. Operating System

(-------) DATA PATH   2. Computer Language

(-------) TERABYTE   3. Hardware

(-------) WINDOWS   4. Computer Architecture

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

3. Conversion   **(Marks: 10, 5 marks each)**

a. Binaray Number 1001101_2 convert in to Decimal Number   (Marks: 5)

b. Decimal Number 51.5_{10} convert in to Binary Number   (Marks: 5)

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SECTION- C

Total Marks: 30

1. Write down the Syntax in DOS   **(Marks: 10, 5 marks each)**

a. Erase a file (A1.FXP) from a directory (UNISWA) in the Hard-Disk

C:> .- -

b. Copy a file (ARR.TXT) from UNISWA directory to the sub-directory
LUYENGO in the KWALUSENI directory.

C:>.- - - - - - - - - -- - - - - - - - - - - - -- - - - - - - - - - - - - - - - - - - -

2. Write down the five database programs (Software)   **(Marks: 10)**

a._____

b. _____

c. _____

d. _____

e. _____

3. Describe the five main components of computer architecture
                                                   (Marks: 10)

a. _____

b._____

c. _____

d. _____

e._____

FOR EXAMINERS' USE ONLY

SECTION	INTERNAL EXEMINER		INTERNAL MODERATOR	
	MARKS	SIGNATURE	MARKS	SIGNATURE
A (Marks:30)				
B. (Marks:40)				
C. (Marks;30)				
TOTAL				