



## UNIVERSITY OF ESWATINI

FINAL EXAMINATION PAPER 2019-20

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. AGRON. YEAR 1
- : B.SC. ANI. SCI. YEAR 1
- : B.SC. ANI. SCI. (D) YEAR 1
- : B.SC. CONSUMER 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

: 100INSTRUCTIONS

- : 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 Digital Computer? Write down the name of three different type of Computer processor.  
(Marks: 2+ 3= 5)

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- i. 

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- ii. 

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- iii. 

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

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- i. 

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- ii. 

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- iii. 

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3. What is Programming in computer applications? (Marks: 05)

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4. What is primary storage in personal computer? (Marks: 05)

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**SECTION- B**  
**(Total Marks: 20)**

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

i. 10 Kilobyte = ----- Bits.

ii. 3 Gibibyte = ----- Kibibytes

iii. 5 Petabyte = ----- Gigabytes

iv. 20 Terabyte = ----- Megabytes.

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

(Total Marks: 12, each question is 01 mark)

- 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. Keyboard ( )  
d. Operating System ( )      e. None of them ( )
- v. In the computer, the Magnetized memory is known as
- a. RAM ( )      b. ROM ( )      c. NUMA ( )      d. ISA ( )  
e. None of them ( )
- vi. The device used to carry digital data on analog lines is called as
- a. Modem ( )      b. Multiplexer ( )      c. Modulator ( )      d. Demodulator ( )  
e. None of these
- vii. Which of the following operating system is beyond the ownership of any company?
- a. UNIX ( )      b. LINUX ( )      c. Windows 2000 ( )      d. Mac ( )  
e. None of these ( )



viii. A bar that inform you the available options in your computer, opened applications, background running applications and can be used to switch between applications quickly is

- a. Menu bar ( ) b. Toolbar ( ) c. Status bar ( ) d. Task bar ( )  
e. None of these ( )

ix. These are specially designed computers that perform complex calculations extremely rapidly

- a. Servers ( ) b. Super Computers ( ) c. Laptops ( ) d. Mainframes ( )  
e. None of these ( )

x. Word processing, spreadsheet and photo-editing are examples of

- a. Application software ( ) b. System software ( ) c. Platform software ( )  
d. Operating system software ( ) e. None of these ( )

xi. What do you use to create a chart?

- a. Pie Wizard ( ) b. Excel Wizard ( ) c. Data Wizard ( )  
d. Chart Wizard ( ) e. None of these ( )

xii. Benefits of Email are:

- a. Speed ( ) b. Cost ( ) c. Record keeping ( ) d. Safe & Secure ( )  
e. All of the above ( )

### 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. CPU: \_\_\_\_\_  
e. NUMA: \_\_\_\_\_

f. ISA: \_\_\_\_\_

g. ROM: \_\_\_\_\_

h. SPSS: \_\_\_\_\_

2.

i. Write down the appropriate DOS Command

**(Total Marks: 07, 01 mark each)**

- a. For the creation of Sub Directory :
- b. To change the directory :
- c. To the clear the screen :
- d. For removal of File :
- e. For the change of file name :
- f. To erase the directory :
- g. From Dos 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 Insert Endnote :
  - c. Superscript :
  - d. Increase the font face :
  - e. For the thesaurus :
  - f. For equation :
  - f. For the Underline :
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**SECTION- D (Total Marks: 30)**

1. Write the Syntax in DOS

**(15 marks total, 03 marks each)**

i. How to erase the directory Dlamini in flash drive (E:) ?

C:\> \_\_\_\_\_

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

D:\> \_\_\_\_\_

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

C:\Luyengo> \_\_\_\_\_

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

C:\Uneswa\Masuku> \_\_\_\_\_

v. How to copy the file Mamba.DOC from Uneswa directory in computer hard drive ( C: ) to flash drive (E:) with name Dlamini.Doc ?

D:\> \_\_\_\_\_

2.

i. What is the importance of Hard Disc in computer?

**(Marks: 05)**

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ii. Conversion

a. Binary Number  $1011011.1_2$  convert into Decimal Number (Marks: 05)

b. Decimal Number  $177.125_{10}$  convert into Binary Number (Marks: 05)

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**FOR EXAMINER'S USE ONLY**

SECTION (Marks)	INTERNAL EXEMINER		INTERNAL MODERATOR	
	MARKS	SIGNATURE	MARKS	SIGNATURE
A (Marks:20)				
B. (Marks:20)				
C. (Marks:30)				
D (Marks:30)				
<b>TOTAL</b> (100)				

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