UNIVERSITY OF ESWATINI

Faculty of Health Sciences

Department of Environmental Health Science

January 2020 Re-sit Examination

Title of paper: Computing for Health Science

Course code: EHS105

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:

- 1) Read the questions and instructions carefully
- 2) Answer any 4 questions
- 3) Each question is weighted 25 marks
- 4) Write neatly and clearly

This paper is not to be opened until the invigilator has granted permission.

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	HACTIAN	
v	uestion	1

a) What does RAM and ROM stand for?

[2 Marks]

b) What is the difference between RAM and ROM

[4 Marks]

c) Name the four types of computers and briefly define them.

[8 Marks]

d) What are input and output devices? Give examples

[9 Marks]

e) What is the Internet?

[2 Marks]

Question 2

- i) What is the difference between the following?
 - a) Close and Exit
 - b) Delete and Backspace
 - c) Print and Print Preview
 - d) Enter and spacebar
 - e) Page up and page down

[20 Marks]

ii) What are the advantages of using Windows as an operating system?

[5 Marks]

Question 3

a) What is a computer?

[3 Marks]

b) What is the difference between an operating system software and application software?

[6 Marks]

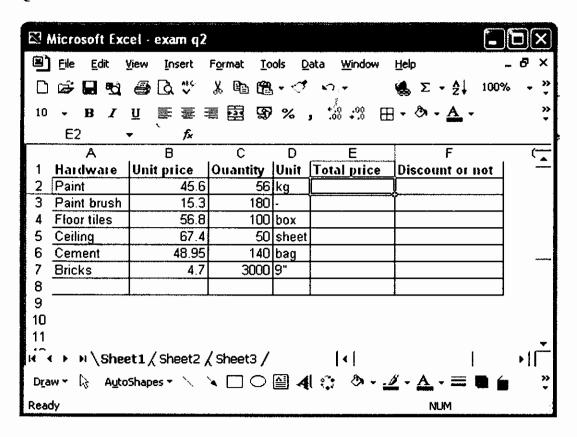
c) Software is another component of a computer; explain the two types of Application software. Give examples.

[10 Marks]

d) Write three (3) methods of highlighting a text in a document

[6 Marks]

Question 4



a) What is the difference between a workbook and worksheet?

[4 Marks]

b) In MS Excel how do you write a formula?

[4 Marks]

- c) Using the above spreadsheet answer the following
 - i. Write the exact formula you would type in cell E2 for calculating the total price given the unit price and quantity.

[3 Marks]

ii. Write the exact formula you would type in cell E8 to calculate the total price of all the items.

[3 Marks]

- iii. Write the exact formula you would type in cell F2 for indicating "Discount" or "No discount" given that discount is to items with quantity greater than 150.

 [5 Marks]
- d) (i) Write the steps for copying text from one place to another in the same document in Ms Word [4 Marks]
 - (ii) Write the steps for copying text to adjacent cells in a spreadsheet.

[2 Marks]

Question 5

- a) Write the function(s) of the following keyboard keys:
 - i) Shift key.

[3 Marks].

ii) Home key.

[2 Marks]

iii) Tab key.

[3 Marks]

- b) Suppose that as you were typing your letter, there was a power cut:
 - i) Which memory of the computer is used while you type a document?

[2 Mark]

ii) What do you have to do in order to get your typed document when power comes back?

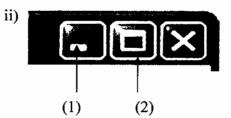
[3 Marks]

iii) Name two storage medium where documents are stored while you are typing.

[4 Marks]

- b) What is the difference between?
 - i) Copy and Cut.

[4 Marks]



[4 Marks]