

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.

Question 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

Microsoft Excel - exam q2

File Edit View Insert Format Tools Data Window Help

100%

E2

	A	B	C	D	E	F
1	Hardware	Unit price	Quantity	Unit	Total price	Discount or not
2	Paint	45.6	56	kg		
3	Paint brush	15.3	180	-		
4	Floor tiles	56.8	100	box		
5	Ceiling	67.4	50	sheet		
6	Cement	48.95	140	bag		
7	Bricks	4.7	3000	9"		
8						
9						
10						
11						

Sheet1 / Sheet2 / Sheet3 /

Ready NUM

- 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
- Write the exact formula you would type in cell E2 for calculating the total price given the unit price and quantity. [3 Marks]
 - Write the exact formula you would type in cell E8 to calculate the total price of all the items. [3 Marks]
 - 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]

ii)



(1)

(2)

[4 Marks]