UNIVERSITY OF ESWATINI
Faculty of Health Sciences

Department of Environmental Health Science

November 2019 Examination

Title of paper: Computing for Health Science
Course code: CHS101
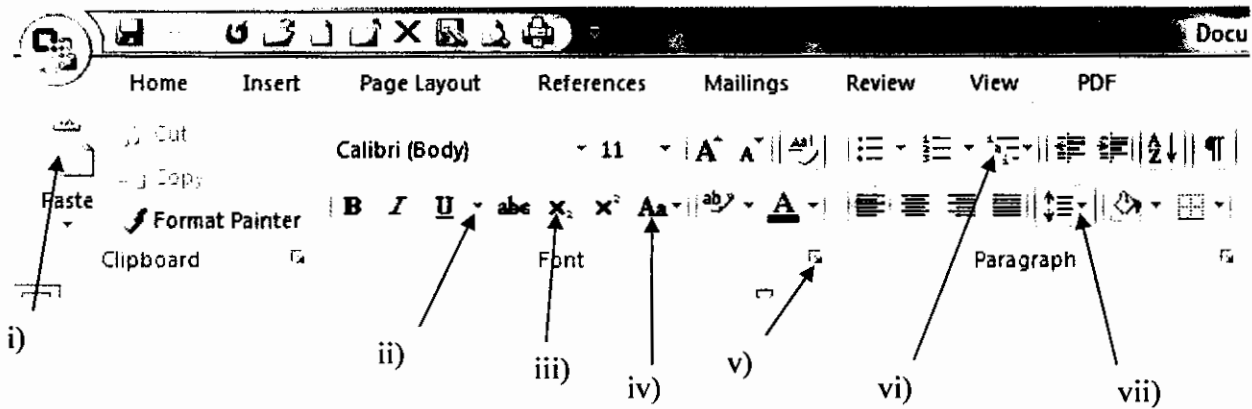Time allowed: 2 hours
Marks allocation: 100 Marks

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 and what is the difference between the two?

[6 Marks]

b) Using Ms Word, write the function(s) of the keys or combinations of the following keyboard keys:
        i) Ctrl + End key
        ii) F8 key
        iii) Esc key
        iv) Ctrl + Enter
        v) Home key.

[10 Marks]

c) Write two (2) examples: for an email address and a website address.

[4 Marks]

d) Define output devices and give two (2) examples.

[5 Marks]

Question 2

a. Name the function of the pointed icons. [14 Marks]

b. Explain 2 methods of selecting/highlighting a phrase in a document. [6 Marks]

c. Write the steps of copy text to another location in another document. [5 Marks]

2

Question 3

a) An information system has six parts, discuss the parts and give 1 example for each part.

[18 Marks]

b) What is the difference between a soft copy and a hard copy? [6 Marks]

c) What does CPU stand for? [1 Mark]

Question 4

	A	B	C	D	E	F	G	H
	G3	▼	fx					
1			**ENROLMENT**					
2	Course	Venue	Jan	Feb	Mar	Apr	Total	Average
3	Management	Mbabane	200	140	170	220		
4	Finance	Maseru	140	200	160	190		
5	Budgeting	Manzini	230	170	200	130		
6	Nursing	Johanesburg	100	160	270	200		
7	Environment	Nairobi	150	200	170	100		
8	Safety	Mbabane	240	300	270	200		
9								
10	Maximum value							
11	Minimum value							
12	Number of items							
13								
14								
15								

Using the above displayed spreadsheet answer the following questions:

a) Write the exact formula for calculating the total of Jan, Feb, Mar and Apr values in row 3.

[3 Marks]

b) Write the exact formula for calculating the total for Jan values in column C.

[3 Marks]

c) Write the exact formula for calculating the average for the Jan, Feb, Mar and Apr values in row 3.

[2 Marks]

d) Write the exact formula to determine the highest value in the March range of values.

[2 Marks]

e) Write the exact formula to determine the lowest value in all the January and February range values.

[3 Marks]

f) Write the exact formula to count the values in the April range.

[3 Marks]

g) Write an IF analysis formula to add 10 to January values below 200 and not to add to those above or equal to 200.

[9 Marks]

Question 5

a) Computers can be used for many things and activities. Discuss two (2) uses of computers.

[6 Marks]

b) Discuss three (3) General-purpose Application software and give 2 examples in each.

[9 Marks]

c) What is Operating System software? Give 2 examples

[4 Marks]

d) True or false: give reasons how it is true or why it is false

i) The delete key will delete the character on the left of the pointer

ii) When text is cut, the original is removed and placed in the new position

iii) The home key takes the pointer to the beginning of the document

[6 Marks]