

UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health Sciences

Final Examination 2011/2012

Title of paper: Computing for Health Sciences

Course code: CHS 100

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:

- 1) Read the questions and instructions carefully
- 2) Answer ALL 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

Answer ALL questions

Question 1

- a) What is the difference between a website and an email? Give an example of the address of a website and a email [6 Marks]
- b) Explain the use of any three (3) computer application software [9 Marks]
- c) What is Operating System software? Give 2 examples [4 Marks]
- d) True or false: give reasons **why 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]

Question 2

i) What is the difference between the following?

- a) End key and Ctrl+End keys
- b) Tab key and Increase Indent
- c) Shift key and Caps Lock key
- d) Enter key and spacebar key
- e) Page up key and page down key

[20 Marks]

ii) Give five (5) functions of a mouse?

[5 Marks]

Question 3

- a) What is a computer? [3 Marks]
- b) Write two (2) methods of highlighting a text in a document [4 Marks]
- c) Outline the six (6) parts of an information system. [18 Marks]

[18 Marks]

Question 4

	A	B	C	D	E	F	G	H
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.
[5 Marks]
- b) Write the exact formula for calculating the total for Jan values in column C.
[5 Marks]
- c) Write the exact formula for calculating the average for the Jan, Feb, Mar and Apr values in row 6.
[3 Marks]
- d) Write the exact formula to determine the highest value in the March range of values.
[3 Marks]
- e) Write the exact formula to determine the lowest value in all the January and February range values.
[5 Marks]
- f) Write the exact formula to count the values in the April range.
[4 Marks]