

UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health Sciences

Supplementary Examination 2013/2014

Title of paper: Computer 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

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 and explain the six (6) parts of a computer information system.

[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]