

UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health Sciences

Final Examination 2010/2011

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

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 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]

QUESTION 2

- a) What are the functions of a spreadsheet?

[5 Marks]

	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								

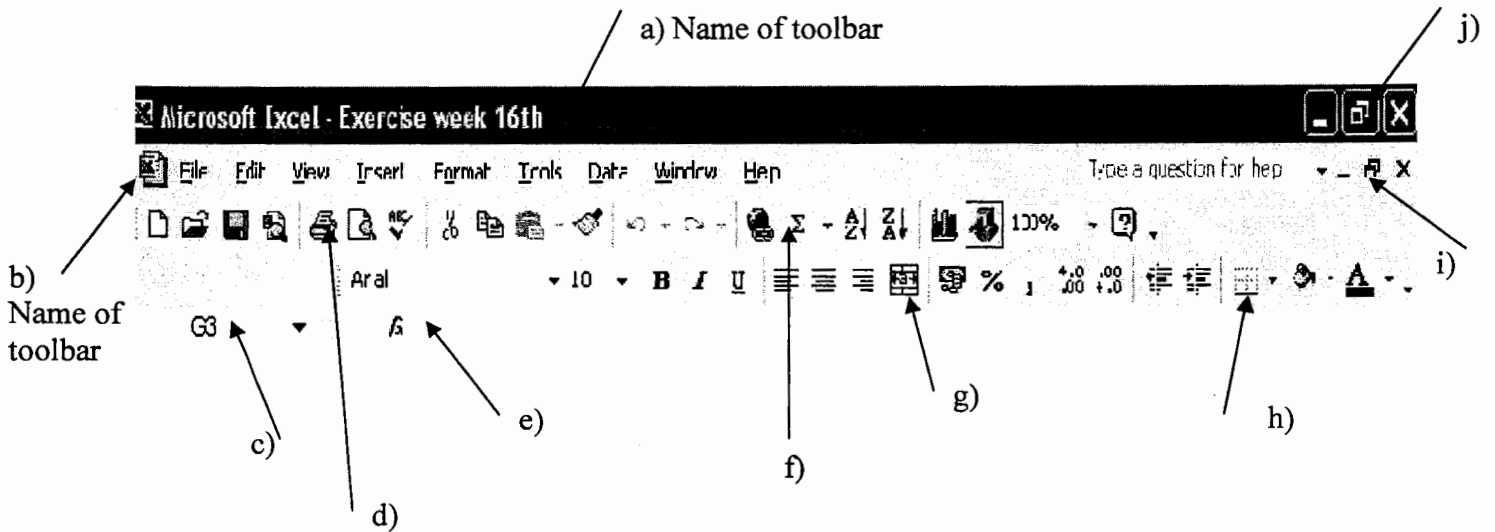
Using the above displayed spreadsheet answer the following questions:

- a) Write the exact formula for calculating the total of Jan, Feb, Mar and Apr values in row 3. [4 Marks]

- b) Write the exact formula for calculating the total for Jan values in column C. [4 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. [4 Marks]
- f) Write the exact formula to count the values in the April range. [4 Marks]

QUESTION 3

(i) Name the icons/toolbar indicated below



[10 Marks]

(ii) When calculating a sum one must know the BODMAS rule. Explain BODMAS [5 Marks]

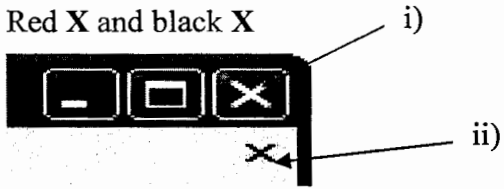
(iii) How will you apply the skills you have acquired in using Ms Word and Ms Excel in your studies and at the workplace when you graduate?

[10 Marks]

QUESTION 4

i) What is the difference between the following?

a) Red X and black X



b) Delete and Backspace

c) Print and Print Preview

d) Enter and spacebar

e) Page up and page down

[20 Marks]

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

[5 Marks]