

UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health
Sciences

Final Examination 2005

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 any Four 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

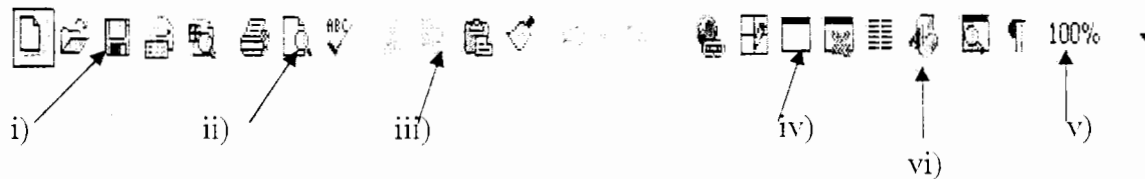
CHS 100
FINAL EXAMINATION
YEAR 2004/2005

Answer any 4 questions

Question 1

- a) What does RAM and ROM stand for and what is the difference between them?
[6 Marks]
- b) Using Ms Word, write the function(s) of the keys or combinations of the following keyboard keys:
i) Ctrl + End
ii) F1 key
iii) Esc key
iv) Ctrl + Enter
v) Home key.
[10 Marks]
- c) Name any two (2) drives and state the disk they read/write.
[4 Marks]
- d) List the steps for saving a document to a floppy disk.
[5 Marks]

Question 2



- a. What is the name of the above toolbar? [2 Marks]
- b. Name the function of the pointed icons. [12 Marks]
- c. Explain 2 methods of selecting/highlighting text in a document. [6 Marks]
- d. Write the steps of copy text to another location in another document. [5 Marks]

Question 3

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 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	Johannesburg	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) Explain what you need, in order to store information in a computer.
[6 Marks]
- b) Explain the functions of a mouse.
[5 Marks]
- c) Explain the 3 methods of changing the position/alignment of text in a line or paragraph.
[6 Marks]
- d) A spreadsheet has how many rows and how many columns?
[2 Marks]
- e) What are the 2 components of a computer? Give an example of each.
[6 Marks]