

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

Department of Environmental Health
Science

Supplementary Examination
2014/2015

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 do the acronyms RAM and ROM stand for? [2 Marks]
- b) What is the difference between RAM and ROM? [4 Marks]
- c) Name the four types of computers and briefly describe them. [8 Marks]
- d) What are input and output devices? Give examples [9 Marks]
- e) What is the Internet? [2 Marks]

[25]

Question 2

- a) What is the difference between operating systems software and application software? Give examples. [4 Marks]
- b) What are its five (5) operations of a mouse? [5 Marks]
- c) When typing a formula in Ms Excel, what are the rules to observe in order to get a correct answer? [6 Marks]
- d) 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 from UNISWA? [10 Marks]

[25]

Question 3

- i) Explain the difference between the following functions.

- a) Close and Exit
- b) Delete and Backspace
- c) Print and Print Preview
- d) Enter and spacebar
- e) Page up and page down

[20 Marks]

- ii) What are the advantages of using Windows as an operating system?

[5 Marks]

Question 4

Microsoft Excel - trying

File Edit View Insert Format Tools Data Window Help

100%

Arial 10 B I U

	A	B	C	D	E	F	G	H
1	Item	Quantity	Unit price	Total price	Unit sell price	Total sale	Profit/loss	
2	Rice	44	E4.50		E5.30			
3	Soup	43	E7.43		E6.50			
4	Cooking oil	65	E5.60		E6.90			
5	Maize meal	14	E7.20		E4.60			
6								
7	Highest value							
8								
9	Lowest value							
10								
11								

- i. Write the exact formula to calculate the Total price of the item Rice.
[5 Marks]
- ii. Write the exact formula to calculate the Total sale of the item Cooking oil.
[5 Marks]
- iii. Write the exact formula to calculate the Highest value in Quantity values.
[5 Marks]
- iv. Write the exact formula to calculate the Lowest value in Unit Price values.
[5 Marks]
- v. Write the exact formula to calculate the Profit/loss for the item Soup.
[5 Marks]