

**UNIVERSITY OF SWAZILAND**  
Faculty of Health Science

Department of Environmental Health Sciences

Supplementary 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 does 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 define them. [8 Marks]
- d) What are input and output devices? Give examples [9 Marks]
- e) What is the Internet? [2 Marks]

**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? [5 Marks]
- c) When calculating one must know the BODMAS rule. What does BODMAS stand for and why is it important to follow the rule? [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]

**Question 3**

- i) What is the difference between the following?
- 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

	A	B	C	D	E	F	G	H
1	<b>Item</b>	<b>Quantity</b>	<b>Unit price</b>	<b>Total price</b>	<b>Unit sell price</b>	<b>Total sale</b>	<b>Profit/loss</b>	
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]