UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

Department of Environmental Health Science

July 2016
Re-Sit Examination

Title of paper: Computing for Health Science

Course code: EHS 105

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:
1) Read the questions and instructions carefully
2) Answer any 4 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.

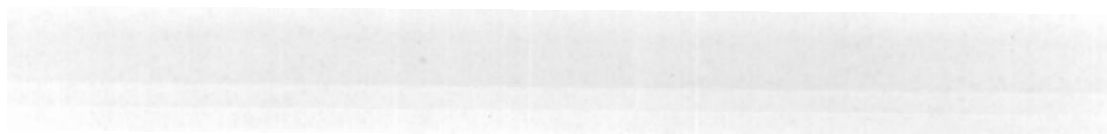**Answer any 4 questions**

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

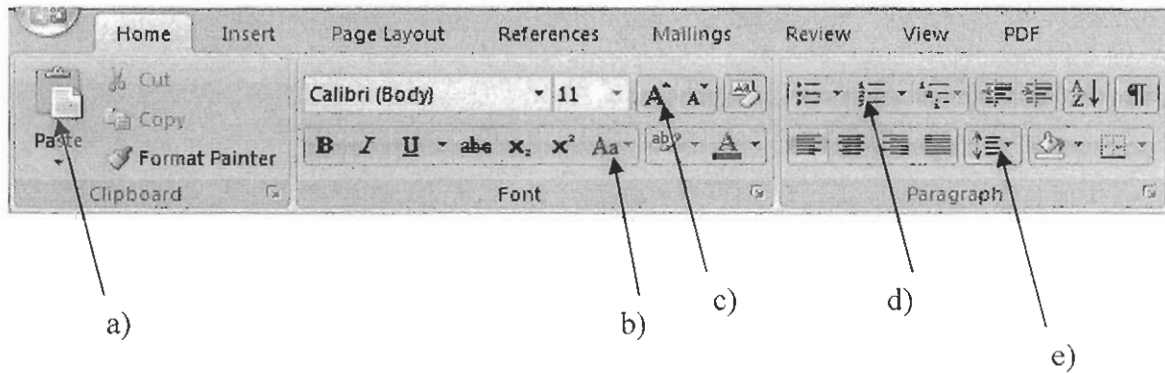[9 Marks]

e) What is the Internet?

[2 Marks]

Question 2

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 3

a) What is a computer?

[3 Marks]

b) What is the difference between an operating system software and application software?

[6 Marks]

c) Software is another component of a computer; explain the two types of Application software. Give examples.

[10 Marks]

d) Write three (3) methods of highlighting a text in a document

[6 Marks]

Question 4

i)   Give the functions of the icons indicated above

[10 Marks]

ii)   What is the difference between a header and footer?   [5 Marks]

iii) How will you apply your knowledge on Ms Word and Ms Excel in your studies and at the workplace?

[10 Marks]

Question 5

	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]