



UNIVERSITY OF SWAZILAND
Faculty of Health Science

Department of Environmental Health
Sciences

Main Examination
December 2012

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

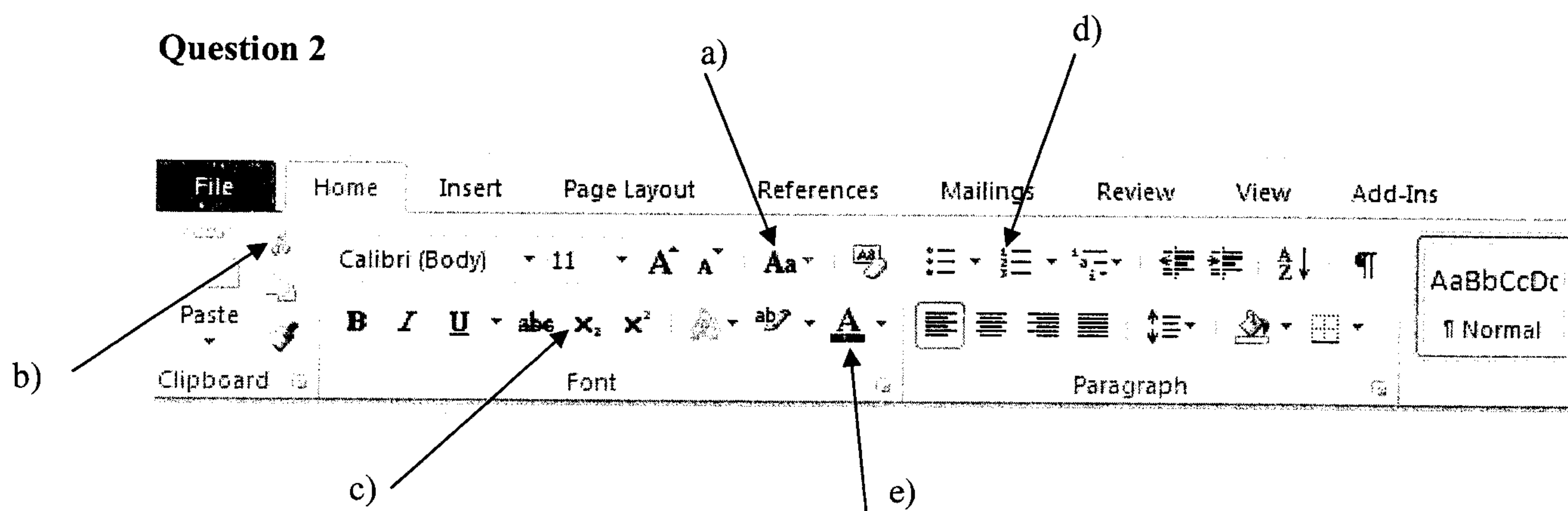
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Answer all questions

Question 1

- a) When calculating a sum one must know the BODMAS rule. Explain BODMAS. [5 Marks]
- b) What is Micro Soft Excel? What are the advantages of using Ms Excel over a manual system? [6 Marks]
- c) How do you write a formula in Ms Excel? Give an example. [4 Marks]
- d) What is the difference between the following? [10 Marks]
- i. Save and Save As
 - ii. Delete and Backspace
 - iii. Tab key and Increase Indent icon
 - iv. Enter key and spacebar key
 - v. Page up key and page down key

Question 2



- i. What are the functions of the icons indicated above [10 Marks]
- ii. How will you apply what you learnt in CHS 100 in your studies? [12 Marks]
- iii. Name the two kinds of page orientation. Make a sketch showing both orientations. [3 Marks]

Question 3

	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**.
- ii. Write the exact formula to calculate the **Total sale** of the item **Cooking oil**.
- iii. Write the exact formula to calculate the Highest value in **Quantity** values.
- iv. Write the exact formula to calculate the Lowest value in **Unit Price** values.
- v. Write the exact formula to calculate the **Profit/loss** for the item **Soup**.

[25 Marks]

Question 4

a) What is a computer?

[3 Marks]

b) Explain the six (6) components of a computer system?

[18 Marks]

c) Define input and output devices. Give 1 example each.

[4 Marks]