

COMP 1002 Review No. 1 (5%)

Handed out Session 2. Complete and return Session 3.

Name: _____ Student# _____ Mark: ____ / 25

Hardware and Software

1. Name, in sequence, the elements of the **data processing cycle**: (1 mark)
 - a. _____
 - b. _____
 - c. _____
 - d. _____

2. A _____ **hosts** the processor, memory, bus and other main electronic elements of the computer.

3. Turning on a computer starts the execution of the (**4 words**):

4. The main **temporary** working storage in a computer is known as _____ memory.

5. _____ is **permanent** memory containing a computer's BIOS settings.

6. Data moves from input devices onto the system bus through _____.

7. The **microprocessor** can do _____ computations and _____ comparisons (2 marks).

8. A _____ is an example of **portable** permanent solid-state storage

9. A _____ is the term which refers to 8 sequential binary '**bits**' of data.

COMP 1002 Review No. 1 (5%)

10. One _____ (full name) approximately equals 1,000 MB of data

11. Name 1 **peripheral output device** considered part of a **standard** computer system _____

12. **Convert** Binary to Decimal and Hexadecimal (2 marks)

$$11_2 = \text{_____}_{10} = \text{_____}_{16}$$

13. A CPU executes instructions in **time** with the _____ .

14. _____ refers to how the operating system makes it appear multiple applications are running at the same time on a computer.

15. Windows 7 is an example of a Graphical User Interface (GUI). **DOS** is an example of a _____ Interface (CLI)

16. A computer **cannot** function without a type of software known as an _____ .

17. When RAM is full, the Operating System using a **swap file** to create ' _____ ' memory.

18. Match the letters with correct DOS command. (5 marks)

Letter	Command	Description
	DIR	a. View a PC's Internet address
	FORMAT	b. Change location to another directory
	MD	c. Prepare a disk to accept data
	CD	d. Display listing of drive contents
	IPCONFIG	e. Create a new directory

19. Productivity **tools** like MS Word are examples of _____ SW.