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I Read the text carefully.

COMPUTER ESSENTIALS

A computer system consists of two parts: hardware and software. Hardware is any electronic or mechanical part you can see or touch. Software is a set of instructions, called a program, which tells the computer what to do.

There are three basic hardware sections: i) the central processing unit or CPU, ii) main memory, and iii) peripherals. Perhaps the most influential component is the central processing unit. It is a microprocessor chip which executes program instructions and coordinates the activities of all other components. In a way, it is the 'brain' of the computer. The main memory holds the instructions and data which are being processed by the CPU. Peripherals are the physical units attached to the computer. They include input/output devices and storage devices. Input devices enable data to go into the computer's memory. The most common input devices are the mouse and the keyboard. Output devices enable the user to extract the finished product from the system. Storage devices (hard drives, DVD drives or flash drives) provide permanent storage of both data and programs. Disk drives are used to read and write data on disks. On the rear panel of the computer there are several ports into which we can plug a wide range of peripherals - a modem, a digital camera, a scanner, etc. They allow communication between the computer and the devices. Modem desktop PCs have USB ports and memory card readers on the front panel.

Match these words from the text (1-9) with the correct meanings (a-i).

- | | |
|---|--|
| 1. software | a. the elements of a computer system |
| 2. peripherals | b. physical parts that make up a computer system |
| 3. main memory | c. programs which can be used on a particular |
| 4. hard drive (also known as hard disk) | d. the information which is presented to the computer |
| 5. hardware | e. results produced by a computer |
| 6. input | f. the units attached to the computer |
| 7. ports | g. section that holds programs and data while they are executed or processed |
| 8. output | h. magnetic device used to store information |
| 9. central processing unit (CPU) | i. sockets into which an external device may be connected |
| 10. computer essentials | j. the brain of the computer |

II Choose the appropriate form.

1 Computers _____ to life the moment they are turned on.

- a) spring b) springs c) are springing

2 1G phones _____ in the 1980's.

- a) starts b) will start c) started

3 Most online banks _____ the concept of two-factor authentication.

- a) introduced b) have introduced c) introducing

4 I _____ the Internet for hours. I am looking for a specific information.

- a) am surfing b) have been surfing c) surf

5 I _____ you my CV next Monday.

- a) sent b) send c) will send

6 Web pages _____ with a special language HTML.

- a) are creating b) have created c) are created

7 A hacker _____ to jail for fraudulent use of credit card numbers.

- a) are sent b) has been sent c) will be send

8 IBM's BlueGene is _____ supercomputer.

- a) the powerful b) the least powerful c) the most powerful

9 You _____ use a monitor that's fuzzy or distorts the image.

- a) must b) shouldn't c) needn't

10 If you _____ for the job, you could have started working immediately.

- a) apply b) had applied c) will apply

III Look at the words in the box. Then match the prefixes 1-7 with their meaning a-g.

co-ordinate	anti-virus	reprint
subroutine	Internet	
telecommunications	transmission	

- | | |
|----------|-------------------|
| 1 co- | a over a distance |
| 2 anti- | b against |
| 3 inter- | c again, back |
| 4 sub- | d across |
| 5 tele- | e with, joint |
| 6 trans- | f between, among |
| 7. re- | g beneath |

IV What do these acronyms/abbreviations stand for? (example: CRT= catathode ray tube)

Bit _____
 BIOS _____
 GHz _____
 GUI _____
 ISP _____
 USB _____

V Match these symbols with their names to complete this table.

a)@ b)/ c) d): e). f)_

Symbol	Name
_____	colon
_____	tilde
_____	underscore
_____	forward slash
_____	at
_____	dot, stop

VI Fill in the words suggested

centred single posted through of fed threaded
formatting hard drive via on

- 1 _____ means preparing a disk to receive data.
- 2 PCs usually have onE _____ called C.
- 3 Most library databases are accessed _____ the Internet.
- 4 Companies whose activity is _____ on the Internet are called dotcoms.
- 5 The data is _____ into the computer system.
- 6 Messages are _____ to a newsgroup where they are _____.
- 7 In a star network, all data flows _____ a central hub.
- 8 Nanotechnology is the science _____ making devices from _____ atoms and molecules.
- 9 This manual is available _____ request.