1. Answer the following(20pts)
2. Name the input devices that you know (at least six) + function of them?

* Keyboard
* Lightpen
* Trackballs
* Joystick
* Cameras
* Microphone

1. List the main advantages and disadvantages of dot-matrix printers, inkjet and laser printers?

* Dot-matrix printers:
  + Advantages:
  + Disadvantages:
* Inkjet printers:
  + Advantages:
  + Disadvantages:
* Laser printers:
  + Advantages:
  + Disadvantages:

1. What is the network?

* The Network is simply two or more computers linked together.

1. Write the instruction for formatting the disk.
2. What are the rules making a good password?

* Rules making a good password are:

1. Are these password good? Why/Why not?

* Esviqvpx24
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* October 1996
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1. What are the advantages of removable hard disk and CD\_ROM disks?

* Advantages of removable hard disk and CD\_ROM disks are:

1. What are the main criteria to choose a good monitor?

* The main criteria to choose a good monitor are:

1. What are three basic steps of processing data?
2. What should we do to protect your system from virus attack?
3. Why is CPU considered to be the “brain” of a computer?
4. What do we have to do to keep an e-mail secret when we send it in the Internet?
5. Name 6 storage devices that you have learnt. Give the Vietnamese equivalence of each device.
6. What are the advantages of Magneto-optical disks and magnetic tape?
7. What do these stand for? Give Vietnamese

RAM: **R**andom **A**ccess **M**emory : bộ nhớ khả biến cho phép truy xuất đọc-ghi ngẫu nhiên đến bất kỳ vị trí nào trong bộ nhớ dựa theo địa chỉ ô nhớ

OCR: **Optical Character Recognition**; Nhận dạng ký tự quang học; là loại [phần mềm](https://vi.wikipedia.org/wiki/Ph%E1%BA%A7n_m%E1%BB%81m) [máy tính](https://vi.wikipedia.org/wiki/M%C3%A1y_t%C3%ADnh) được tạo ra để chuyển các hình ảnh của chữ viết tay hoặc chữ đánh máy (thường được quét bằng máy [scanner](https://vi.wikipedia.org/w/index.php?title=Scanner&action=edit&redlink=1)) thành các văn bản tài liệu.

ROM: Read Only Memory; bộ nhớ chỉ đọc

VGA: Video Graphics Array; chuẩn kết nối tín hiệu hình ảnh dạng hàng

* SIMMS: từ này cô thua, chỉ biết mỗi cái này: SIMM (Single Inline Memory Module) : Khe cắm Ram.

1. Circle the best answer to complete sentences(10pts)
2. The mouse port and the … port look exactly the same but they have labels to avoid confusion.
3. video b. serial c. VGA d. keyboard
4. Computers are electronic machines which can accept data………….a certain form, process the data and give the result of the processing ……..a specifies format as information.
5. In/at b. at/in c. in/in d. on/on
6. A……is a person who breaks into computer systems just for fun, as well as to steal information or propagate viruses.
7. Attacker b. hacker c. programmer d. computer user
8. A window is an area of the computer screen…..you can see the contents of a folder, a life, a program.
9. Which b. in which c. that d. where
10. A….is also called a hand held computer.
11. Sub-notebook b. notebook c. palmtop d. laptop
12. Using a…you input printed drawings, photographs, or text directly into a computer.
13. Photocopier b. scanner c. light pen d. tracker ball
14. You can use a scanner with optical character recognition software to input the scanner text in word processing ………
15. Package b. unit c. purpose d. system
16. If you use the tracker ball, you don’t need any ….space on your desk to move it around.
17. A. empty b. codes c. more d. extra
18. The most influential component is the central processing unit, its function is to … program instructions and coordinate the actives of all the other units.
19. Execute b. arrange c. show d. enclose
20. The electronic and mechanical parts that make up a computer system are called…
21. Software b. Webpage c. components d. hardware
22. Because faults can develop in computer systems, it is very important to keep copies of valuable data by using a…..system.
23. Anti-virus b. standard c. backup d. particular
24. A joystick is able to move in 8 directions. They are…used in computer games to control the way a picture on the screen moves.
25. Occasionally b. sometimes c. mostly d. always
26. ….is the program which can be used on a particular computer system.
27. Floppy disk b. hardware c. software d. peripheral device
28. A personal computer also has got another name. It is ………………………….
29. Microcomputer b. minicomputer c. mainframe d. sub-notebook
30. On the near panel of the computer there are several ports into which we can … a wide range of peripherals.
31. Actives b. plug c. place d. put
32. If you like gadgets and electronic entertainment you can even use your PC to relax…computer games.
33. For b. with c.by d. on
34. ….. are memory chips. The more you have, the more work you can do at a time. Empty memory slots mean you can add more memory.
35. ROM b. SIMMS c. Expansion slots d. Cache memory
36. …..is a part of the memory store. It has extremely fast access. It’s faster than normal RAM. It can speed up the computer
37. ROM b. SIMMS c. Expansion slots d. Cache memory
38. …… let you add features such as sound or modem to your computer.
39. ROM b. SIMMS c. Expansion slots d. Cache memory
40. ……contains all the instructions your computer needs to activate itself when you switch on. Unlike RAM, its contents are retained when you switch off.
41. ROM b. SIMMS c. Expansion slots d. Cache memory
42. Rewrite or combine these sentences using the words in brackets (10pts)
43. An inkjet printer is cheaper than a laser printer.

* A laser printer is more expensive than an inject printer.

1. The keyboard has been changed twice by the Smiths.

* The Smiths have changed the keyboard twice.

1. Although we didn’t have enough money, we wanted to change the printer.

* We wanted to change the printer although we didn’t have enough money

1. A minicomputer is less powerful than a mainframe.

* A mainframe is more powerful than a minicomputer

1. You can use a scanner to copy documents.

* Using a scanner, you can copy documents.

1. Our class often uses this machine for learning English.

* This machine is often used for learning English (by our class)

1. No printer has got as many advantages as a laser printer.

* A laser printer has got the most / best advantages.

1. You had better throw this mouse away. It is too bad.

* Why don’t you throw this mouse away? It is too bad.

1. I haven’t used such a bad laptop before.

* This is the worst laptop that I have ever used.

1. The monitor is too dark for me to use.

* The monitor isn’t light / bright enough for me to use.

1. Complete these sentences using the given words(10pts)
2. Computer/useful/for man/many ways.

A computer is useful for man in many ways

1. Those floppy disks/damaged/completely/because/you leave/high temperature.

Those floppy disks are damaged completely because you left them near / in the high temperature.

1. A laptop/more convenient/PC. A laptop is more convenient than a PC
2. If you/come/annual computer exhibition/you/see/new Macs.

If you come to the annual exhibition, you will see new Macs

1. We /not use/disk/without virus checking it.

We shouldn’t use any disk without virus checking.

1. It/be easy/we/PC/notebook.

It is easier for us to use a PC than a notebook

1. Picture given/digital camera/bad/quality/those/given/film camera.

Pictures given by a digital camera have worse quality than those given by a film camera

1. We /use /”Login names”/password/control/ network access.

We use “Login names” and password to control network access

1. We/speed up/computer/add/RAM

We can speed up our computers by adding more RAM

1. There/several ports/back/PC.

There are several ports at the back of a PC

1. In order/control/virus spread/you/use/anti-virus program.

In order to control virus spread, you can use an anti-virus program

1. The more/memory chips/you/have/more/work/you/do/same time.

The more memory chips you have, the more work you can do at the same time.

1. One/common/computer crimes/”pirating”.

One of the common computer crimes is “pirating”

1. Which printer/offer/highest/output quality?

Which printer offers the highest output quality?

1. Laser printer/produce/output/great speed.

A laser printer produces the output with a great speed.