I. Fill in the blank with suitable word (10p)

1. **CPU** stands for _____ _____ _____.
2. The peripherals consist of storage device, input device and **O**_____ device.
3. The two main parts that make up a computer system are hardware and _____.
4. There are **F**_____ arrow keys.
5. WIMP stands for _____, _____, _____, _____.
6. Spreadsheet consists of columns and **R**_____.
7. Computer can only understand **M**_____ **C**_____.
8. You need a **P**_____ to open an account.
9. **H**_____ is the person who hack into your PC and may steal your information.
10. **English is very important for your carrier.** This sentence is underlined and in **B**_____.

II. Choose the best option. 15p

1. Computer devices connected in a network are called _____.
    A. transceiver   B. gateway   C. nodes   D. protocol

2. The hardware that sends and receives network signal is _____.
    A. transceiver   B. gateway   C. topology D. configuration

3. What are not formats in Word processing?
    A. italics   B. printing   C. margins   D. justification

4. What can we use to protect our data from hackers?
    A. password   B. encryption   C. save on disk   D. A & B

5. What means "update a page"?
    A. Back   B. Forward   C. Search   D. Refresh

6. What is true about hackers?
    A. They break into computer systems for fun.
    B. They break into computer systems to steal important information.
    C. They break into computer systems to infiltrate viruses
    D. All are correct.

7. What is not true about fibre cables?
    A. It require less space.   B. It carry electricity.
    C. It transmit fast.   D. It is not affected by electromagnetic field.

8. What is not true about Windows?
    A. It supports many kinds of applications.   B. It has graphical user interface.
    C. The users don't have to memorize commands.   D. It is only used by experts.

9. What is the real strength of Word processing to the type writer (máy đánh chữ)?
    A. Ability to retrieve information   B. Ability to type quickly
    C. Ability to Search and Replace   D. Ability to have layout

10. We can see information on _____.
    A. CPU   B. main memory   C. screen   D. scanner

III. Translate into Vietnamese – 20p

    1. Machine code is not human language.

    ………………………………………………………………………………………………..

2. When we double click on an icon, it appears a window box.

……………………………………………………………………………………………………..

3. You can make a cell in Spreadsheet bigger or smaller.

……………………………………………………………………………………………………..

4. **.jpg** is an extention of picture.

……………………………………………………………………………………………………..

5. You can use Internet to send an email.

……………………………………………………………………………………………………..

6. Graphical user interface is more beautiful than MS-DOS operating system.

……………………………………………………………………………………………………..

7. Firewall is not used to access to the Internet, but limit access to the Internet.

……………………………………………………………………………………………………..

8. Fax is to send a copy of paper via telephone line, but not Internet.

……………………………………………………………………………………………………..

9. Virus can destroy your files or documents.

……………………………………………………………………………………………………..

10. Coding is the same as programming.

……………………………………………………………………………………………………..

IV. Find Vietnamese meanings of the following words – 20p

English	English
1.Cable	11.Column
2.Machine code	12.Row
3.Protocol	13.Display
4.Arrow keys	14.Pointer
5.High level language	15.Window box
6.Keyboard	16.Graphical user interface
7.Input device	17.Tool bar
8.Storage	18.Main memory
9.Password	19.Firewall
10.Network	20.Connect

V. Choose the sentence that is NOT correct – 20p (*Chọn câu không đúng*)

1.
   A. There can be many folders in a folder.
   B. Application software is more important than system software.
   C. Newsgroup is public discussion area.
   D. Layout is the arrangement of text and images.

2.
   A. Source program is written by high level language.
   B. Object program is written by high level language.
   C. Complier is used to convert high level language to low level language.
   D. Machine code is NOT symbolic language.
3.
   A. File is collection of records.
   B. You don't have to memorize commands to use GUIs.
   C. MS-DOS has graphical interface.
   D. Operating system is automatically loaded.
4.
   A. Pattern menu is a palette where you can choose a design to draw.
   B. Rotating means turning an image round.
   C. Inverting means putting black and white next to each other to make 3rd color
   D. Zooming means making pictures larger.
5.
   A. With spreadsheet, you can only enter numbers and formulas.
   B. Record is collection of fields.
   C. A cell is the intersection of columns and rows.
   D. CD-RW disks are rewritable.
6.
   A. Encoding data is encryption.
   B. Decoding data is decryption.
   C. Node is a computer device in a network.
   D. Protocol is the distribution of devices and circuits in a network.
7.
   A. Hackers are the people who steal the information illegally.
   B. Firewall is used to limit access to the Internet.
   C. Unlocked padlock means the webpage is secure.
   D. Plain text email can't pass viruses.
8.
   A. Fibre-optic cables require less space.
   B. Fibre-optic cables carry electricity.
   C. Fibre-optic cables transmit fast.
   D. Fibre-optic cables is not affected by electromagnetic field.
9.
   A. Icon is a graphic image used to represent an object or a task.
   B. Refresh means to update a file.
   C. Extension is used to identify kinds of file.
   D. Coding is not prgramming.
10.
   A. Files or documents that go with an email are attachments.
   B. Protocol is a set of rules that allows the exchange of information over a network.

C. GUIs help you save time in working.

D. When you click on a name in menu bar, it appears a window.

VI. Reading – 15p

The newest and greatest computer technology

Computer technology is one of the most rapidly changing and developing fields within the world! There are so many different things that computers can do, and every year many new computer products and technological advances are announced! Here are a couple of the newest and greatest pieces of computer technology:

Newest: One of the newest types of computer technology is a new product which Bill Gates calls "Surface." This project took five years to make, and it was only known by its secret code name "Milan." The "Surface" looks like a low, blacktop coffee table, but it is sensitive to the touch. Keyboards and mousse are not needed, because "Surface" is completely controlled by hand gestures and movements! The hardware for this product is run by a special version of Microsoft's Windows Vista. "Surface" is scheduled to be released to the public in November of 2007. It is thought that this easier way of computer technology will be more accessible and user-friendly to people who struggle with keyboards and the computer mouse. In addition, "Surface" will also be helpful to retailers. T-Mobile USA has a contract with Microsoft for "Surface," and they will be able to place different cell phones on the top of the "Surface" screen. The screen will sense which different types of cell phones are there, and then pull up a list of the phones' different features!

Greatest: One of the other great inventions of computer technology was the development of the webcam. Because of the webcam people are able to hold meetings and conversations with people who live far away! Webcams, in conjunction with Internet technology has made business meetings and educational meetings more meaningful. Now, people can show different graphs, charts, and ideas over a webcam, without the hassle of trying to explain technical details over the phone. Actions and images definitely speak louder with words because of the webcam! In addition, the webcam also is able to record people talking and discussing different topics, which has led to the use of video podcasts and video blogs.

    1. How can we control the "Surface"?

A. By using mouse B. by using keyboard   C. A&B are correct D. touching by hands

    2. How long does it take to make the new computer product?

A. 3 years   B. 4 years   C. 5 years   D. No information

    3. What is the hardware for this product is run by..........?

A. Windows 2000   B. Windows NT   C. Windows Vista   D. All are not correct.

    4. What is the advantages of the webcam?

A. help people hold meetings   B. help people show graphs

C. help people explain technical details   D. All are correct.

    5. What is the function of a webcam?

A. transfer voice   B. transfer image   C. make video postcards   D. All are correct.