**I. Decide if the sentences are true (T) or false (F)**

**( ) 1.** A worm is disguised as a useful program; it may affect data security.

**( ) 2.** Programming languages are used to describe the structure of web documents.

**( ) 3.** Hypermedia is a form of enriched multimedia which allows an interactive and dynamic linking of visual and audio elements.

**( ) 4.** Rendering is a technique that generates realistic reflections, shadows and highlights.

**( ) 5.** XML enables us to define our own tags; it is not limited by a fixed set of tags like in HTML.

**( ) 6.** VoIP is a service which allows users to make phone calls over the traditional phone line.

**( ) 7.** Encryption converts encrypted data back into its original form.

**( ) 8.** Nanotechnology is the science of making small devices from single atoms and molecules.

**( ) 9.** Digital TV is a system for broadcasting and receiving moving pictures and sound by means of digital signals.

**( ) 10.** Biometrics is biological identification of people.

**III. Decide if the sentences are true (T) or false (F)**

**( )** **1.** A worm is a self-copying program that spreads through email attachments; it replicates its self and send a copy to everyone in an address book.

**( )** **2.** Arrow keys are used to move the cursor, as an alternative to the mouse.

**( )** **3.** A computer security specialist is responsible for designing and developing the electronic and mechanical parts of computers.

**( )** **4.** RFID is the science of making small devices from single atoms and molecules

**( )** **5.** A worm is disguised as a useful program; it may affect data security.

**( )** **6.** Markup languages use instructions, known as markup tags, to format and link text files.

**( )** **7.** Debugging is the techniques of detecting and correcting errors which may occur in programs.

**( )** **8.** Machine code is the program instructions written in a particular programming language.

**( )** **9.** Resolution is the number of pixels in an image.

**( )** **10.** Source code is the basic instructions understood by computers; it consists of 1s and 0s (binary code).

**IV. Decide if the sentences are true (T) or false (F)**

**( )** **1.** Biometrics is biological identification of people.

**( ) 2.** Hypermedia is a form of enriched multimedia which allows an interactive and dynamic linking of visual and audio elements.

**( )** **3.** VoIP is a service which allows users to make phone calls over the traditional phone line.

**( )** **4.** A worm is a self-copying program that spreads through email attachments; it replicates its self and send a copy to everyone in an address book.

**( )** **5.** Bitmaps, or vector graphics, are stored as a series of tiny dots called pixels.

**( )** **6.** A CD ripper converts CDs to live streams.

**( )** **7.** Digital TV is the use of radio waves and chip-equipped tags to automatically identify people or things.

**( )** **8.** Streaming is a technique for playing sound and video files while they’re downloading.

**( )** **9.** With smart phones, you can send texts with multimedia attachments such as pictures, audio, video.

**( )** **10.** Digital TV is a system for broadcasting and receiving moving pictures and sound by means of digital signals.

**V. Decide if the sentences are true (T) or false (F) (**

**( ) 1.** Concerts and other events are broadcast over the Web in a process called webcast.

**( ) 2.** Digital TV is the term that refers to the transmission of audio signals (radio) or audiovisual signals (television).

**( ) 3.** In Windows, if you delete the application icon, the application will still be on your computer.

**( ) 4.** Function keys appear at the bottom of the keyboard and can be programmed to do special tasks.

**( ) 5.** Fixed phone is the device that deliver email and phone services to users on the move.

**( ) 6.** The GPS is a navigation and location system formed by various satellites and their corresponding receivers on Earth.

**( ) 7.** The interpreter translates the source code line by line in the runtime while the compiler converts the entire program into machine code in one go.

**( ) 8.** Flowchart is a diagram representing the successive logical steps of the program.

**( ) 9.** A help desk technician provides phone or email support on technical issues, including operation of equipment, setup problems, troubleshooting, etc.

**( ) 10.** Private networks use a software and hardware mechanism called a firewall to block unauthorized traffic from the Internet.

**V. Translate the following sentences into Vietnamese (2ps).**

**1.** A wiki is a collaborative website whose content can be edited by its users.

**2.** A computer program is a set of instructions that tells the computer how to do a specific task.

**3.** YouTube is a site based on user-generated content, which allows users to upload, view and share movie clips and music videos, as well as amateur videoblogs.

**4.** Programs written in a high-level language require compiler that is, translation into machine code, the language understood by the processor.

**5.** Graphic artists and designers use drawing programs to create freehand drawings and illustration for books or for the Web.

**6.** In the future, artificial intelligence and voice recognition will be incorporated into most computer applications

**7.** In recent years, TV and radio broadcasting has been revolutionized by developments in satellite and digital transmission.

**8.** CPU speed is a major factor in determining how fast your computer operates.

**9.** Graphic programs have a toolbox that enables you to draw, paint and edit images on the computer.

**10.** If you want to protect your PC, don’t open email attachments from strangers and take care when downloading files from the Web.

**11.** Computer animation is the process of create objects which move across the screen.

**12.** The process of going through the code to identify the cause of errors and fixing them is called debugging.

**13.** Programs written in a high-level language require compiler that is, translation into machine code, the language understood by the processor.

**14.** Site that ask for your credit card number or other personal information should use a secure server, so the data you send is encrypted

**15.** Web suffers will go somewhere else if the page doesn’t appear quickly.

**16.** Websites is also used for many other functions, including sending and receiving email, and connecting to the newsgroups and discussion groups.

**17.** In the future, artificial intelligence and voice recognition will be incorporated into most computer applications.

**18.** E-commerce has become increasingly popular over the last decade.

**19.** Downloading files from the internet can infect your computer with a virus.

**20.** The process of going through the code to identify the cause of errors and fixing them is called debugging.

**21.** Depending on the e-book format you select, you can read e-books on a computer, PDA, or a dedicated handheld device known as an e-book reader.

**22.** Most print newspaper are developing online editions, which allow them to effectively compete with TV and radio in presenting breaking news as it happens.

**23.** A cyberslacker is an employee who uses his company’s internet connection during work hours to chat with friends, play games, etc.

**24.** Cookies are data sent by an internet server to a browser. They identify the user and track the user’s access to the server.

**25.** If you want to protect your PC, don’t open email attachments from strangers and take care when downloading files from the Web.