

### **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.