**What is a Computer?**

***1 Vocabulary***

to accept

step

to involve

to feed (fed)

set

to set

set-up

to put

to input

to output

to make

to make up

make-up

to call

to consist

main

main memory

influence

to influence

influential

to execute

executive

to hold (held)

to hold down

current

currently

to attach

attachment

to provide

permanent

to equip

equipment

socket

to connect

connection

handle

to handle

able

to enable

common

to extract

means

by means of

to plug

range

general

generally

***a) chose the correct translation:***

1) consist

|  |  |  |  |
| --- | --- | --- | --- |
| а) прикреплять | b) состоять | c) извлекать  | d) составлять  |

2) extract

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| а) прикреплять | b) состоять | c) извлекать  | d) составлять  |  |  |  |  |

3) step

|  |  |  |  |
| --- | --- | --- | --- |
| а) шаг | b) набор  | c) влияние | d) средство  |

4) involve

|  |  |  |  |
| --- | --- | --- | --- |
| а) предоставлять | b) вовлекать | c) устанавливать | d) делать  |

5) set

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| а) шаг | b) набор  | c) влияние | d) средство  |  |  |  |  |

6) influence

|  |  |  |  |
| --- | --- | --- | --- |
| а) шаг | b) набор  | c) влияние | d) средство  |

7) attach

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| а) прикреплять | b) состоять | c) извлекать  | d) составлять  |  |  |  |  |

8) provide

|  |  |  |  |
| --- | --- | --- | --- |
| а) предоставлять | b) вовлекать | c) устанавливать | d) делать  |

9) means

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| а) шаг | b) набор  | c) влияние | d) средство  |  |  |  |  |

10) make up

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| а) прикреплять | b) состоять | c) извлекать  | d) составлять  |  |  |  |  |

* + - 1. ***Match the words with their meanings:***

|  |  |
| --- | --- |
| a) mainb) executec) enabled) holde) equipmentf) connectg) commonh) calli) rangej) currently | 1. оборудование
2. называть
3. главный
4. в настоящее время
5. давать возможность
6. диапазон
7. держать
8. распространенный
9. соединять
10. выполнять
 |

* + - 1. ***Match the words with their definitions:***

|  |  |
| --- | --- |
| 1. able
2. execute
3. influence
4. general
5. current
6. hold
7. permanent
8. step
9. by means of
10. plug
 | * 1. clever, having or showing knowledge or skill
	2. now passing, of the present time
	3. have or keep in one’s possession
	4. one action in a series of actions
	5. carry out
	6. make a connection
	7. not special or particular
	8. through, with the help of
	9. not expected to change, going for a long time
	10. power to affect, action of some force
 |

* + - 1. ***Make up two-word expressions:***

|  |  |
| --- | --- |
| to accept main storage optical input physical computer to process finished permanent  | datadevicesunitsproductdrivesystemstoragememorydatadevices |

***e) Find synonyms:***

|  |  |
| --- | --- |
| a) set upb) holdc) stepd) feede) executef) viag) currentlyh) attachi) providej)main | 1) connect2) input3) chief4) contain5) by means of6) give7) now8) install9) perform10) operation  |

***2 reading***

***a) Read the text:***

**What is a Computer?**

Computers are electronic machines which can accept data in a certain form, process the data and give the results of processing in a specified format as information.

Three basic steps are involved in the process: First, data is fed into the computer’s memory. Then, when the program is run, the computer performs a set of instructions and processes the data. Finally, we can see the results (the output) on the screen or in printed form.

Information in the form of data and program is known as **software**, and the electronic and mechanical parts that make up a computer system are called **hardware**. A standard computer system consists of three main sections: the Central Processing Unit (CPU), the main memory and the peripherals.

Perhaps the most influential component is the **Central Processing Unit**. It is to execute program functions and to coordinate the activities of all the other units. In a way, it is the ‘brain’ of the computer. The **main memory** holds the instructions and data which are currently being processed by the CPU. The **peripherals** are the physical units attached to the computer. They include storage devices and input/ output devices.

**Storage devices** (**floppy** or **hard disks**) provide a permanent storage of both data and programs. **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 us to extract the finished product from the system. For example, the computer shows the output on the **monitor** or prints the results onto paper by means of a **printer.**

On the rear panel of the computer there are several ports into which we can plug a wide range of peripherals – modems, fax machines, optical drives and scanners.

These are the main physical units of a computer system, generally known as the **configuration.**

***b) Use the information in the text to help you match the terms hi the box with the appropriate explanation or definition below:***

|  |  |  |
| --- | --- | --- |
| 1. *software;*

*b) floppy disk;**c) output;* | *d) peripheral devices;**e) hardware;**f) Central Processing Unit* | *g) monitor;**h) input;**i) port.* |

1. The brain of the computer.
2. Physical parts that make up a computer system.
3. Programs which can be used on particular computer system.
4. The information which is presented to the computer.
5. Results produced by a computer.
6. Hardware equipment attached to the CPU.
7. Visual display unit.
8. Small device used to store information. Same as ‘diskette’.
9. Any socket or channel in a computer system into which an input/output device may be connected.

***c) Complete the sentences with the words from the box:***

|  |
| --- |
| *software process type hardware output operate* |

1. Computers are electronic machines that … information.
2. Computers … quickly and accurately in solving problems.
3. After processing the information, they … the results.
4. You can … and print any kind of document – letters, memos, or legal documents.
5. … is a set of devices and … is a set of programs.

***3 Summing-up***

1. What do we mean when we say “a computer”?
2. What parts make up a computer system?
3. What are the main units of measurement in computer science?
4. What is hardware?
5. What is software?
6. Why is the central processor called “a brain of a computer”?
7. What do we use to input data?

***4 Speaking: Now you can tell what a computer is.***