**DEFINING COMPUTERS. THE COMPONENTS OF A COMPUTER (III)**

**III. Match the following words with the correct definitions:**

|  |  |
| --- | --- |
| 1). **hardware**  **12)** | ~~1”).~~ an itemized list of goods shipped usually specifying the price and the terms of sale; |
| 2). **software**  **8)** | ~~2”).~~ a [non-volatile storage](http://en.wikipedia.org/wiki/Non-volatile_storage) device for digital data; it features one or more rotating [rigid platters](http://en.wikipedia.org/wiki/Hard_disk_platters) on a motor-driven [spindle](http://en.wikipedia.org/wiki/Spindle_%28computer%29) within a metal case; data is encoded magnetically by read/write heads that float on a cushion of air above the platters; |
| 3). **input**  **15)** | ~~3”).~~ a cathode-ray tube used for display (as of television pictures or computer information); |
| 4). **output**  **20)** | ~~4”).~~ of, relating to, or concerned with self-propelled vehicles or machines; |
| 5). **key**  **17)** | ~~5”)~~. an electronic device, that reads “cards”; |
| 6). **pointer**  **24)** | ~~6”).~~ the central [printed circuit board](http://en.wikipedia.org/wiki/Printed_circuit_board) (PCB) in many modern [computers](http://en.wikipedia.org/wiki/Computer) and holds many of the crucial components of the system, while providing connectors for other peripherals, sometimes alternatively known as the main board, system board; |
| 7). **microphone**  **28)** | ~~7”).~~ the system of recording and summarizing business and financial transactions and analyzing, verifying, and reporting the results; |
| 8). **digital camera**  **22)** | ~~8”).~~ the entire set of programs, procedures, and related documentation associated with a system and especially a computer system; |
| 9). **printer**  **26)** | ~~9”).~~ an inherited, established, or customary pattern of thought, action, or behavior (as a religious practice or a social custom); a belief or story or a body of beliefs or stories relating to the past that are commonly accepted as historical though not verifiable; |
| 10). **monitor**  **3)** | ~~10”).~~ a chain with a key ring attachedm used for holding keys; |
| 11). **speaker**  **30)** | ~~11”).~~ an electronic [flash memory](http://en.wikipedia.org/wiki/Flash_memory) [data storage device](http://en.wikipedia.org/wiki/Data_storage_device) used for storing digital information, commonly used in many electronic devices, including [digital cameras](http://en.wikipedia.org/wiki/Digital_camera), [mobile phones](http://en.wikipedia.org/wiki/Mobile_phone), [laptop computers](http://en.wikipedia.org/wiki/Laptop), [MP3 players](http://en.wikipedia.org/wiki/Digital_audio_player), and [video game consoles](http://en.wikipedia.org/wiki/Video_game_console), being small, re-recordable, and being able to retain data without power; |
| 12). **system unit**  **32)** | ~~12”).~~ the physical components (as electronic and electrical devices) of an apparatus (as a computer); |
| 13). **motherboard**  **6)** | ~~13”).~~ the system that includes the circulation of money, the granting of credit, the making of investments, and the provision of banking facilities; |
| 14). **processor**  **34)** | ~~14”).~~ a [computer application](http://en.wikipedia.org/wiki/Computer_application) that simulates a paper, accounting [worksheet](http://en.wikipedia.org/wiki/Worksheet). displaying multiple cells that together make up a grid consisting of rows and columns, each cell containing [alphanumeric](http://en.wikipedia.org/wiki/Alphanumeric) text, numeric values or formulas; |
| 15). **memory 35)** | ~~15”).~~ information fed into a data processing system or computer; |
| 16). **storage 25)** | ~~16”).~~ a picture representing a view of natural inland scenery; |
| 17). **hard disk**  **2)** | ~~17”).~~ a part to be depressed by a finger that serves as one unit of a keyboard; |
| 18). **CD-ROM**  **36)** | ~~18”).~~ a part of something; |
| 19). **DVD-ROM**  **33)** | ~~19”).~~ a piece of work that is given to someone as part of their job; |
| 20). **memory cards 11)** | ~~20”).~~ the information produced by a computer; |
| 21).**USB flash drive**  **31)** | ~~21”).~~ a list of all the things in a place; |
| 22). **card reader**  **5)** | ~~22”).~~ a [camera](http://en.wikipedia.org/wiki/Camera) that takes [video](http://en.wikipedia.org/wiki/Video) or still [photographs](http://en.wikipedia.org/wiki/Photograph), or both, [digitally](http://en.wikipedia.org/wiki/Digital) by recording [images](http://en.wikipedia.org/wiki/Digital_image) via an [electronic](http://en.wikipedia.org/wiki/Electronics) [image sensor](http://en.wikipedia.org/wiki/Image_sensor); |
| 23). **card writer**  **29)** | ~~23”).~~ a [software application](http://en.wikipedia.org/wiki/Software_application) for retrieving, presenting, and traversing information resources on the [World Wide Web](http://en.wikipedia.org/wiki/World_Wide_Web); |
| 24)**. interface**  **27)** | ~~24”).~~ the small symbol, usually an arrow, that you move using a computer`s mouse to point to the place on the screen where you want to work, start a program; |
| 25). **Web browser**  **23)** | ~~25”).~~ the part of a computer where information can be stored; the amount of space that can be used for storing information on a computer; |
| 26). **traditional**  **9)** | ~~26”).~~ a device that produces printout; |
| 27). **portion**  **18)** | ~~27”).~~ a point of interaction between the components of a computer, and is applicable at the level of both [hardware](http://en.wikipedia.org/wiki/Computer_hardware) and [software](http://en.wikipedia.org/wiki/Computer_software), allowing a component to function independently; it may refer to the means of communication between the computer and the user by means of [peripheral](http://en.wikipedia.org/wiki/Peripheral) devices such a [monitor](http://en.wikipedia.org/wiki/Computer_monitor) or a [keyboard](http://en.wikipedia.org/wiki/Keyboard_%28computing%29); |
| 28). **spreadsheet**  **14)** | ~~28”).~~ an instrument whereby sound waves are caused to generate or modulate an electric current usually for the purpose of transmitting or recording sound (as speech or music); |
| 29). **accounting**  **7)** | ~~29”).~~ an electronic device, that writes “cards”; |
| 30). **finance**  **13)** | ~~30”).~~ the part of a sound system where the sound comes from; |
| 31). **landscape**  **16)** | ~~31”).~~ consists of a [flash memory](http://en.wikipedia.org/wiki/Flash_memory) [data storage device](http://en.wikipedia.org/wiki/Data_storage_device) integrated with a [USB](http://en.wikipedia.org/wiki/USB) (Universal Serial Bus) [1.1](http://en.wikipedia.org/wiki/USB_1.1) or [2.0](http://en.wikipedia.org/wiki/USB_2.0) interface; is typically removable and rewritable, and physically much smaller than a [floppy disk](http://en.wikipedia.org/wiki/Floppy_disk); |
| 32). **assignment**  **19)** | ~~32”).~~ the main unit of a [personal computer](http://en.wikipedia.org/wiki/Personal_computer), typically consisting of a [metal or plastic enclosure](http://en.wikipedia.org/wiki/Computer_case) containing the [motherboard](http://en.wikipedia.org/wiki/Motherboard), [power supply](http://en.wikipedia.org/wiki/Power_supply), cooling [fans](http://en.wikipedia.org/wiki/Computer_fan), internal [disk drives](http://en.wikipedia.org/wiki/Disk_drive), and the [memory modules](http://en.wikipedia.org/wiki/Computer_memory) and [expansion cards](http://en.wikipedia.org/wiki/Expansion_card) that are plugged into the motherboard, such as [video](http://en.wikipedia.org/wiki/Video_card) and [network cards](http://en.wikipedia.org/wiki/Network_card); |
| 33). **invoice**  **1)** | ~~33”).~~ an [optical disc](http://en.wikipedia.org/wiki/Optical_disc) [storage](http://en.wikipedia.org/wiki/Data_storage_device) media format, invented and developed by [Philips](http://en.wikipedia.org/wiki/Philips), [Sony](http://en.wikipedia.org/wiki/Sony), [Toshiba](http://en.wikipedia.org/wiki/Toshiba), and [Time Warner](http://en.wikipedia.org/wiki/Time_Warner) in 1995; its main uses are [video](http://en.wikipedia.org/wiki/Video) and [data](http://en.wikipedia.org/wiki/Data) storage; are of the same dimensions as compact discs ([CDs](http://en.wikipedia.org/wiki/CD)), but are capable of storing more than six times as much data; |
| 34). **inventory**  **21)** | ~~34”).~~ the portion of a [computer](http://en.wikipedia.org/wiki/Computer) system that carries out the instructions of a [computer program](http://en.wikipedia.org/wiki/Computer_program), and is the primary element carrying out the computer”s functions; |
| 35). **automotive**  **4)** | ~~35”).~~ [computer](http://en.wikipedia.org/wiki/Computer) components and [recording media](http://en.wikipedia.org/wiki/Data_storage_device) that retain digital [data](http://en.wikipedia.org/wiki/Data_%28computing%29) used for computing for some interval of time; provides one of the core functions of the modern computer, that of information retention. |
| 36). **keychain**  **10)** | ~~36”).~~ a pre-pressed [compact disc](http://en.wikipedia.org/wiki/Compact_disc) that contains [data](http://en.wikipedia.org/wiki/Computer_data_storage) accessible to, but not writable by, a computer for data storage and music playback. |

**X. Translate into English:**

**A.**

1. Prelucrarea se face în conformitate cu algoritmii impuşi.
2. Viteza de prelucrare este foarte mare.
3. Natura prelucrărilor este aritmetică şi logică.

Termenul de calculator digital sau numeric este foarte larg, de la microcalculatoarele pe un singur cip, la supercalculatoare. Diferenţele între diferite calculatoare este dată de mărime preţ, performanţă, domeniul de aplicabilitate şi organizare.

**B.** Calculatorul personal este folosit acasă, la birou, în laborator, etc . Laptop – ul este de dimensiuni mult mai mici, este mai uşor, seamănă cu o geantă diplomat, este mai uşor de transportat şi prezintă avantajul că poate fi alimentat de la baterii.  
Un calculator se caracterizează prin hardware şi software.

**C**.

Un **sistem de calcul** are componente ce pot fi privite sub două aspecte:

* *HARDWARE* – este un termen care reprezintă ansamblul elementelor fizice care compun calculatorul electronic: circuite electrice, componente electronice şi dispozitive mecanice şi alte elemente materiale ce intră în structura fizică a calculatorului electronic - într-un cuvânt partea materială, fizică a calculatorului.
* *SOFTWARE* – este un termen care acoperă totalitatea funcţiilor şi programelor dintr-un sistem de calcul. Reprezintă “inteligenţa calculatorului”, prin care se asigură funcţionarea şi exploatarea sistemului de calcul. Prin componenta software, utilizatorul transmite calculatorului metodele de gestiune a resurselor, logica prelucrării datelor, precum şi metodele de structurare şi redare sau stocare a acestora. În cadrul componentelor software se distinge un element care împreună cu o componentă hardware numită placa de bază, asigură interconectarea tuturor componentelor sistemului de calcul(hardware şi software) definind o entitate (calculatorul aşa cum îl ştim) şi care asigură şi interconectarea acestei entităţi cu mediul exterior. Acest element software se numeşte ***SISTEM DE OPERARE (SO)****.*

Se conturează două categorii de componente software:

* Componente software (programele) necesare sistemului de calcul să existe ca entitate, să funcţioneze;
* Componente software (programele) necesare utilizatorului să-şi rezolve diferite probleme (aplicaţii care folosesc sistemul de calcul).