نام و نام خانوادگی :		شماره دانشجویی :		شماره صندلی :		تاریخ امتحان : ۱۴۰۱/۰۵/۳۰	

	نام مدرس	رشته تحصیلی	نام درس	تعداد واحد	تعداد سئوالات	تعداد صفحات	مدت امتحان
این قسمت توسط مدرس تکمیل گردد.	علی اصغر محمدی	کامپیوتر – نرم افزار	زبان فنی	۲	۵	۳	۶۰ دقیقه
	استفاده از : .... مجاز است.		آزمون تستی نمره منفی : دارد ☐ ندارد ■				اطلاعات خواسته شده، دقیقاً کامل شود.
	فهم سوالات امتحانی ، قسمتی از امتحان است ؛ پس لطفاً سوال نفرمائید .						

ردیف		نمره میان ترم		نمره عملی	نمره تئوری	نمره پایانی	امضاء استاد	بارم
۱								۷۰

Translate the following passages into persian.

1) The arithmetic and logic unit performs all computations (addition, subtraction, multiplication, and division) and all logic operations (comparisons). The results are placed in a register called the accumulator. A logic operation compares two pieces of data, either alphabetic or numeric. Based on the result of the comparison, the program branches to one of several alternative sets of program instructions.

2) Resolution refers to the clarity of the image on the monitor´s display. For pointing and drawing, the workstation user can call on a variety of specialized point-and-draw devices that combine the precision of a gun sight with the convenience of a mouse

3) The motherboard, a single circuit board, provides the path through which the processor communicates with memory components and peripheral devices. Think of the processor as the PC᾿s brain and the motherboard as the PC᾿s central nervous system. The motherboard᾿s chipset is its intelligence and controls the flow of information between system components connected to the motherboard.

4) If you're afraid of computers. Information technology competence is a sure cure. IT competency will allow you to be an active and effective participant in the emerging information society.

5) During program execution, the first in a sequence for program instruction is moved from RAM to the control unit, where it is decoded and interpreted by the decoder. The control unit then directs other processor components to carry out the operations necessary to execute the instruction.

Fill in the blanks with the following words

Ports   speaker   network   interface   removed

Port replicator   notebook   devices   docking station   monitor

Another notebook option, called the ...., works like the .... in that the notebook PC is inserted into it and .... as needed. Once inserted the .... can use the port replicator ports and whatever is connected to them. .... are electronic .... through which devices like the keyboard, ..., mouse, printer, and so on are connected. .... replicators also provide bigger .... and AC power source, and some include a .... connector.

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این قسمت توسط مدرس تکمیل گردد.	نام مدرس	رشته‌تحصیلی	نام درس	تعداد واحد	تعدادسئوالات	تعدادصفحات	مدت امتحان
	علی اصغر محمدی	کامپیوتر – نرم افزار	زبان فنی	۲	۵	۳	۶۰ دقیقه

استفاده از : .... مجاز است.	آزمون تستی نمره منفی : دارد ☐ ندارد ◼	اطلاعات خواسته شده، دقیقاً کامل شود.

فهم سوالات امتحانی ، قسمتی از امتحان است ؛ پس لطفاً سوال نفرمائید .

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۲ — ۲۰

Find the Persian equivalents of the following terms and expressions and write them in the spaces provided .

digesting .... peripheral .... conventional ...... particularly ....
stylus .... less space .... Configure .... computer-aided design
.... carry out ....reluctant .... throughput .... Integrated
circuit .... expansion slots .... major...........
frequently.............. synchronous dynamic RAM .... piece ....

Reduced instruction set computer .... Accumulator ....
Central processing unit .... Pursued .... miniaturize ....

۳ — ۱۵

Put the following sentences in the right order to form a paragraph. Write the corresponding letters in the boxes provided.

a. Later in the unit, optical laser disk, a rapidly emerging alternative to magnetic storage drives, is introduced.
b. First, lets take a look at the files stored on these drives.
c. Today the various types of magnetic disk drives and their respective storage media are the state of the art for permanent storage.
d. Over the years, manufacturers have developed a variety of permanent mass storage devices and media.
e. Magnetic tape drives complement magnetic disk storage by providing inexpensive backup capability and archival storage.

۴ — ۲۰

Reading

The arithmetic and logic unit performs all computation (addition, subtraction, multiplication, and division) and all logic operations (comparisons). The results are placed in a register called the accumulator. A logic operation compares two pieces of data, either alphabetic or numeric. Based on the result of the comparison, the program branches to one of several alternative sets of program instructions.

RAM, a Read-and-write memory, enables data to be both read and written to memory. RAM is solid state; that is, it is electronic circuitry with no moving parts. Electrically charged points in the RAM chips represent the bits (1s and 0s) that comprise the data and other information stored in Ram. RAM is attached to the motherboard, like the processor and therefore to the electronic bus. It is volatile memory; that is, when the electrical current is turned off or interrupted, the data

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	مدت امتحان	تعدادصفحات	تعدادسئوالات	تعداد واحد	نام درس	رشته‌تحصیلی	نام مدرس
این قسمت توسط مدرس تکمیل گردد.	۶۰ دقیقه	۳	۵	۲	زبان فنی	کامپیوتر – نرم‌افزار	علی اصغر محمدی
	اطلاعات خواسته شده، دقیقاً کامل شود.		استفاده از : .... مجاز است.		آزمون تستی نمره منفی : دارد ☐ ندارد ◼		
			فهم سوالات امتحانی ، قسمتی از امتحان است ؛ پس لطفاً سوال نفرمائید .				

۳۵	are lost. In contrast to permanent storage on disk, RAM provides the processor only with temporary storage for programs and data.	۵

The data in RAM are manipulated by the processor according to program instructions. A program instruction or a piece of datum is stored is stored in a specific RAM location called an address. Addresses permit program instructions and data to be located, accessed, and processed. The content of each address changes frequently as different program are executed and new data are processed.

A. Put "T" for true and "F" for false statements. Justify your answers.

..... ۱. The arithmetic and logic unit cannot function without the control unit.

...... ۲. The arithmetic and logic unit controls the flow of programs and data in and out of main memory.

...... ۳. All calculations and comparisons take place in the arithmetic unit.

...... ۴. Programs and data contained in RAM cannot be changed by the user.

...... ۵. The result of an arithmetic or logic operation is placed in a computer register   called accumulator.

B. Choose a, b , c, or d which best completes each item.

۱. It is understood from text that addresses allow ………..
  a. performs all computation
  b. electronic circuitry with no moving parts
  c. data to be processed
  d. A program instruction or a piece of datum is stored is stored in a specific RAM location

۲. It is understood from text that ………
  a. The arithmetic and logic unit is the most important component of the computer
  b. The arithmetic and logic unit cannot performs addition, subtraction, multiplication, and division
  c. Ram is attached to the motherboard like the processor and it is volatile memory
  d. The arithmetic and logic unit provides the ram with storage for data.