1

#01.01.00

One bit contains

A)) 0 or 1

B) a single number

C) one digit

D) one letter

E) one character

2

#01.01.00

Bit - is

A) diode

B) the base of the binary system

C) symbol

D) recording of the text in the binary system

E)) the smallest possible unit of information

3

One byte contains

A)) 8 bits

B)2 bit

C) 1 bit

D) 16-bit

E) an arbitrary number of bits

6

#01.01.00

There are 32 rows on one page of the book, each row consists of 64 characters. How many pages of the book will be placed in the file size of 180 Kb?

A) 180

B)) 90

C) 360

D) 45

e) 100

7

#01.01.00

1 kilobyte is

A))  1024 bytes

B) 1000 bytes

C) 100 bytes

B) 8 bytes

E) 10 bytes

8

#01.01.00

1 megabyte is

A)) 1024 kilobytes

B) 1000 kilobytes

C) 100 kilobytes

B) 8 kilobytes

E) 10 kilobytes

9

#01.01.00

1 Gigabyte is

А))1024 megabytes

В)1000 megabytes

С)100 megabytes

D)8 megabytes

Е)10 megabytes

#01.01.00

The 1 kilobyte contained

A) 1000 bits  
B))  bits  
C) 1024 bits  
D)  bits

E) 1 bits

1

02.01.00

Choose variant in which capacities of memory are arranged in increasing order

A))10 bits, 2 bytes, 20 bits, 1010 bytes, 1 Kb  
B) 10 bits, 20 bits, 2 bytes, 1 Кb, 1010 bytes  
C) 10 bits, 20 bits, 2 bytes, 1010 bytes, 1 Кb  
D) 10 bits, 2 bytes, 20 bits, 1 Кb, 1010 bytes

E) 15 bits, 10 bytes, 1 bits ,2 bytes, 1 byte

2

#02.01.00

Choose variant in which capacities of memory are arranged in decreasing order

A))**1 КB, 1010 bytes, 20 bits, 2 bytes, 10 bits**B) 1010 bytes, 1 КB, 20 bits, 2 bytes, 10 bits  
C) 1010 bytes, 1 КB, 2 bytes, 20 bits, 10 bits  
D) 1010 bytes, 2 bytes, 1 КB, 20 bits, 10 bits

E) 1 Мb, 2 GB, 10 МB ,1 Tb

3

#02.01.00

How many different sequences of 5 characters in length exist from symbols

  "plus" and "minus"?

A) 64

B) 50

C)) 32

D) 20

E) 25

4

#02.01.00

:

A conventional traffic light without additional sections delivers six

types of signals (continuous red, yellow and green, flashing yellow, flashing

green, flashing red and yellow simultaneously). The electronic traffic light control device sequentially reproduces the recorded signals. 100 signals of a traffic light were recorded.

Find this information volume in bytes:

A) 37

B)) 38

C) 50

D) 100   
E) 47

5

#02.01.00

There are balls in the basket. All balls have a different color. The message that the blue ball is taken out of the basket carries 5 bits of information. How many balls are in the basket?

A) 5

B) 10

C) 16

D)) 32

E) 64

6

#02.01.00

64 balls are played in the lottery. A winning combination consists of X balls, and the message about it carries 42 bits of information. What is X equal to?

A)) 7

B) 2

C) 42

D) 64

E) 128

7

#02.01.00

A message written in the letters of a 64-character alphabet contains 20

characters. How much information does it carry?

A) 64 bits

B) 20 bytes

C)) 120 bits

D) 64 bytes

E) 1280 bits

8

#02.01.00

There is a message that the number in the range of integers from 684 to 811 was guessed.

How much information does the message carry?

A) 6 bits

B)) 7 bits

C) 127 bits

D) 128 bits

E) 256 bits

9

#02.01.00

How is the volume of the information message 12 288 bits expressed?

A) 1536 Kbytes

B) 1,5 М

C)) 1,5 Кbytes

D) 1,2 Kbytes.

E) 1 Гбайт

10

#02.01.00

The book consists of 64 pages. There are 256 characters on each page.

The alphabet used consists of 32 characters. How much information does the book contain?

A) 81 920 bytes

B) 40 Кbytes

C) 16 Кbytes

D)) 10 Кbytes

E) 18 Кbytes.

1

#03.01.00

How many bits are in the word informatics?

(The ASCII encoding system is used)

A) 1

B) 11

C) 44

D) 22

E)) 88

2

#03.01.00

In the Unicode encoding, each character is coded with 16 bits.

What is the information volume of the next message?

2+2=4, & 5+5=10.

A)16 bits

B)) 256 bits

C) 12 bytes

D) 32 bytes

E) 16 bytes.

3

#03.01.00

Two texts contain the same number of characters. The first text is composed in an alphabet with a capacity of 16 characters. The second text is composed of an alphabet with a capacity of 256 characters. How many times is the amount of information in the second text larger than in the first?

A)) 2

B) 4

C) 8

D) 16

E) 32

4

#03.01.00

How much information does the message contain, reduces the uncertainty of knowledge by 8 times?

A) 1 bits

B) 2 bits

C)) 3 bits

D) 4 bits

E) 5 bits

5

#03.01.00

The man on the bus was asked about the exit :

Are you coming out at the next stop ? No, he answered.

How much information does the answer contain?

Вы выходите на следующей остановке?» - спросили человека в автобусе.

«Нет», - ответил он. Сколько информации содержит ответ?

A) 16 bits

B) 8 bits

C) 4 bits

D) 2 bits

E)) 1 bit

6

#03.01.00

There is an information message in Russian originally written in a 16-bit Unicode code.

The automatic device transcoded this information message into the 8-bit encoding of the KOI-8. At the same time, the information message decreased by 480 bits.

How long is the message in characters?

A)) 60

B) 30

C) 120  
D) 480

E) 256

7

#03.01.00

How many different sequences of 7 characters in length can be made up of digits 0 and 1?

A) 32

B) 64

C) 100

D)) 128

E) 256

8

#03.01.00

Text document, consisting of 3072 characters, stored in the 8-bit code of KOI-8.

This document has been converted to a 16-bit Unicode encoding.

Specify which additional KB is needed to store the document.

A) 2 Кбайта

B) 4 Кбайта

C) 8 Кбайтов

D) 5 Кбайтов

E)) 3 Кбайта

9

#03.01.00

How information is encoded in a computer ?

A)) in binary system

B) in decimal system

C) by using symbols

D) in ternary numeral system

E) in no positional numeral system

10

#03.01.00

Some device has a special on / off button. Selecting the operating mode is done by setting the knobs of the two toggle switches. Each handle is in one of five positions. How many different modes of operation can a device have?

A) 32

B)) 25

C) 16

D) 64

E) 128

1

#04.01.00

Selecting the operating mode in some device is done by setting the handles of the toggle switches. Each handle of the toggle switch can be in one of five positions.

It is necessary to ensure the operation of the device in 37 modes.

What is the minimum number of toggle switches required?

A) 4

B) 5

C) 1

D) 2

E)) 3

2

#04.01.00

Morse code allows you to encode characters for messages on the radio by specifying a combination of dots and dashes. How many different characters can be encoded using Morse code of at least four and no more than five signals (dots and dashes)?

A) 16

B)) 48

C) 32

D) 64

E) 256

3

#04.01.00

Morse code allows you to encode characters for messages on the radio by specifying a combination of dots and dashes. How many different characters can be encoded using Morse code of at least three and no more than four signals (dots and dashes) ?

A) 8

B) 16

C) 32

D)) 24

E) 64

4

#04.01.00

The chessboard consists of 8 columns and 8 lines.

What is the minimum number of bits required to encode the coordinates of one chess cell?

A) 8

B) 64

C) 16

D) 1

E)) 6

5

#04.01.00

Some signaling device transmits one of three signals in one second.

How many different messages can you send in five seconds using this device ?

A) 3

B) 5

C) 125

D)) 243

E) 15

6

#04.01.00

Some alphabet contains 4 different symbols. How many three-letter words can be composed of the symbols of this alphabet, if the symbols in the word can be repeated?

A) 4

B) 16

C)) 64

D) 12

E) 81

7

#04.01.00

Some alphabet contains three different letters. How many three-letter words can be composed of the letters of the alphabet (the letters in the word can be repeated)?

A) 3

B)) 27

C) 9

D) 729

E) 6

8

#04.01.00

Some alphabet contains three different letters. How many four-letter words can be made up from the letters of the alphabet ( the letters in the word can be repeated)?

A)) 81

B) 64

C) 12

D) 16

E) 9

9

#04.01.00

The light panel consists of light bulbs. Each light bulb can be in one of three states ("on", "off" or "flashing"). What is the smallest number of bulbs that should be on the light panel so that it can transmit 18 different signals ?

A) 18

B) 6

C) 9

D) 54

E)) 3

10

#04.01.00

How many words of length 5 can be composed of the letters E, F, A?

Each letter can enter in the word several times.

A) 125

B) 15

C) 3

D)) 243

E) 5

1

#05.01.00

How many different symbolic sequences of length from three to four exist in the four-letter alphabet {A, C, G, T}?

A) 64

B) 256

C)) 320

D) 480

E) 512

2

#05.01.00

Some alphabet contains three different letters. How many five - letter words can be composed of the letters of the alphabet ( letters in the word can be repeated)?

A) 125

B)) 243

C) 5

D) 3

E) 15

3

#05.01.00

How many bits does 8 MB have?

A) 223

B)) 226

C) 8 • 106

D) 64 • 106

E) 800

4

#05.01.00

How many bits does 2 KB have?

A)) 16384 bits.

B) 1024 bits.

C) 512 bits.

D) 712 bits.

E) 1024 bits.

5

#05.01.00

The meteorological station observes the humidity of the air. The result of one observation is an integer number from 0 to 100%, written using the minimum possible number of bits. The station made 800 measurements. Determine the information volume of the results of observations. ( Give the answer in bytes.)

A)) 700 bytes.

B) 800 bytes.

C) 100 bytes.

D) 1000 bytes.

E) 5 bytes.

6

#05.01.00

In the cycloscross ( Bicycle Crossing ) 276 athletes participate.

A special device registers the passage by each of the participants of the intermediate finish. The device records its number using the minimum possible number of bits, the same for each of the participants. What amount of memory will be used by the device, when 240 cyclists passed the intermediate finish? ( Give the answer in b ytes.)

A) 120 байт.

B)) 270 байт.

C) 276 байт.

D) 240 байт.

E) 18 байт.

7

#05.01.00

The result of the conversion of number 5 from decimal system to the binary number system is

А)) 101  
B) 100  
C) 110  
D) 111  
E) 11

8

#05.01.00

The result of the conversion of number 8 from decimal system to the binary number system is

А)111

В)110

С)1001

D))1000

Е)1100

9

#05.01.00

The result of the conversion of number 9 from decimal system to the binary number system is

А)1100

В)1101

С)100

D)110

Е))1001

10

#05.01.00

The result of the conversion of number 10 from decimal system to the binary number system is

А))1010

В)1100

С)1101

D)100

Е)101

**Sixth week**

1

#06.01.00

The result of the conversion of a binary number 1000001 to the decimal number system is

A) 64

B) 636

C) 128

D) 127

Е)) 65

2

#06.01.00

The result of the conversion of fractional number 0.73 from decimal system to the binary number system is

A) 0,1111 ...

B)) 0,1011 ...

C) 0,1001 ...

D) 0,1101 ...

E) 0,1000

3

#06.01.00

The result of the conversion of number 115,94 from decimal system to the binary number system is

A)) 1110011,11110

B) 1111111,01111

C) 1110111,0011

  D) 1101100,001

E) 1110010,00011

4

#06.01.00

Which of the following numeral systems is no positional?

A)) Roman

B) decimal

C) binary

D hexadecimal

E) octal

5

#06.01.00

The result of the conversion of number 58,32 from decimal system to octal number system is

A)) 72,243…

B) 71,244…

C) 71,245…

D) 71,344…

E) 71,443…

6

#06.01.00

Non positional numeral system is

A) binary system

B) octal system

C) hexadecimal numeral system

D)) Roman characters

E) decimal system

7

#06.01.00

The result of the conversion of number 15 from decimal system to the binary number system is

A) 1011

B)11101

C) 1101

D)) 1111

E) 10001

8

#06.01.00

The result of the conversion of number 464 from decimal system to the binary number system is

A) 111110000

B)) 111010000

C) 10111000

D) 100000000

E) 1011111000

9

#06.01.00

The result of the conversion of number 25 from decimal system to the binary number system is

A)) 11001

B) 11110

C) 11111

D) 11011

E) 10000

10

#06.01.00

The result of the conversion of number 5 from decimal system to the binary number system is

А)) 101  
B) 100  
C) 110  
D) 111  
E) 11

**The seventh week**

1

#07.01.00

The result of the conversion of number 6 from decimal system to the binary number system is

А)) 110  
B) 100  
C) 101  
D) 111  
E) 11

2

#07.01.00

The result of the conversion of number 7 from decimal system to the binary number system is

А) 110  
B) 100  
C) 101  
D)) 111  
E) 11

3

#07.01.00

The result of the conversion of number 27 from decimal system to the binary number system is

A) 10011

B)1101

C)) 11011

D) 11110

E) 11111

4

#07.01.00

The result of the conversion of number 35 from decimal system to the binary number system is

A) 110001

B))100011

C) 111001

D) 11111

E) 11000

5

#07.01.00

The result of the conversion of fractional number 0,15 from decimal system to the binary number system is

A)) 0,00100110011…

B) 0,0001001001…

C) 0,0101011111…

D) 0,000010010…

E) 0,1111111…

6

#07.01.00

The result of the conversion of fractional number 0,69 from decimal system to the binary number system is

A) 0,11011…

B) 0,010011…

C)) 0,101100…

D) 0,10111…

E) 0,1111111…

7

#07.01.00

The result of the conversion of fractional number 14,25 from decimal system to the binary number system is

A)) 1110,01

B) 1111,11

C) 1011,11

D) 1111,01

E) 1000,11

8

#07.01.00

The result of the conversion of fractional number 43,32 from decimal system to the binary number system is

A) 111011,1010…

B)) 101011,010100…

C) 101011,111…

D) 010100,0001…

E) 1111111,010100…

9

#07.01.00

The binary number system has a base p

A)) p =2

B) p=0

C) p=1

D) p=22

E) p=11

10

#07.01.00

Depending on the method of image numbers numeral systems are divided

into

A)) positional and no positional

B) Arab and Roman

C) presented in the form of a series and a digit grid

D) algorithmic and object-oriented

E) procedural and functional

#08.01.00

The result of the conversion of fractional number 63,42 from decimal system to octal number system is

A) 70,327

B) 71,723

C)) 77,327

D) 77,423

E) 70,423

2

#08.01.00

The digits below are used for presentation numbers

in octal number system

A)) 0-7

B) 0-8

C) 1-8

D) 8-10

E) 8-88

3

#08.01.00

The result of the conversion of number 273,54 from octal system to the binary number system is

A) 10000011,1001

B) 11111111,1011

C)) 10111011,1011

D) 11111011,1011

E) 10111011,0101

4

#08.01.00

The result of the conversion of number 1216,04 from octal system to the decimal number system is

A)) 654,0625

B) 644,0625

C) 654,0725

D) 634,0825

E) 654,0735

5

#08.01.00

The result of the conversion of fractional number 83,55 from decimal system to octal number system is

A)) 123,4314…

B) 321,4314…

C) 123,4134…

D) 312,1432

E) 231,44114…

6

#08.01.00

The result of the conversion of fractional number 0,6875 from decimal system to octal number system is

A) 0,64

B)) 0,54

C) 0,55

D) 0,56

E) 0,61

7

#08.01.00

The result of the conversion of number 380,1875 from decimal system to the binary number system is

A)) 101111100,0011

B) 111111111,0011

C) 111111111,1111

D) 100001111,0011

E) 111001000,0101

8

#08.01.00

The result of the conversion of binary number 1000001 to the decimal

number system is

A) 64

B) 63

C) 128

D) 256

E)) 65

9

#08.01.00

What is the decimal value of the binary number 1001

A) 7

B) 8

C)) 9

D) 10

E) 11

10

#08.01.00

The base of the binary system is written as

A) 1

B) 0

C) 11

D) 01

E)) 10

**Ninth week**

1

#09.01.00

What is the basis for the method for converting integer decimal numbers from one number system to another?

A)) division of the converted number on the basis of a new number system

B) addition of the converted number to the base of the new number system

C) multiplication of the converted number with the basis of the new number system

D) replacing each digit of the converted number by its equivalent in the new number

system

E) calculation of the degrees of the converted number

2

#09.01.00

For presentation numbers in hexadecimal number system

A)) digits 0-9 and letters А-F

B) numbers from 0 to 15

C) numbers from 0 to 16

D) the first 16 letters of the Latin alphabet

E) numbers from 1 to 16

are used .

3

#09.01.00

What is the decimal value of the hexadecimal number 4016?

A) 24

B) 56

C)) 64

D) 96

E) 128

4

#09.01.00

The result of the conversion of binary number 1111010101,11 to the

hexadecimal number system is

A)) 35,С

B) 3Е8,1

C) 37,А

D) 3В,3

E) ВАЕ,F

5

#09.01.00

The result of the conversion of hexadecimal number 29А,5(16) to the

decimal number system is

A) 432,4425

B)) 666,3125

C) 712,5856

D) 999,4546

E) 821,3125

6

#09.01.00

Choose the correct order of increasing storage units

A) megabytes, bytes, kilobytes, gigabytes

B)) bytes, kilobytes, megabytes, gigabytes

C) bytes, megabytes, kilobytes, gigabytes

D) kilobytes, gigabytes, megabytes, bytes

E) kilobytes, bytes, gigabytes, megabytes

7

#09.01.00

Convert the binary number 111110110 to hexadecimal number system

A)) 1F6

B) 2C3

C) FF3

D) D21

E) F16

8

#09.01.00

Convert the binary number 1000001 to hexadecimal number system

A) 34

B) 44

C)) 41

D) 24

E) 42

9

#09.01.00

Convert the binary number 010000010 to hexadecimal number system

A) 38

B) 28

C) 63

D))82

E) 51

10

#09.01.00

Convert the binary number 1100010 to hexadecimal number system

A) 32

B) 42

C)52

D))62

E) 72

11

#09.01.00

Convert the binary number 111000111 to hexadecimal number system

A)) 1C7

B) 2C3

C) 3F2

D) 1F4

E) 1A2

**Tenth week**

1

#10.01.00

There are 4 integers written in the binary system:

10001011; 10111000; 10011011; 10110100.

How many of them are numbers larger than 9A16?

A) 1

B)) 3

C) 0

D) 4

E) 2

2

#10.01.00

Specify an integer from 8 to 11, the binary record of which contains exactly two units.

If there are several such numbers, indicate the largest of them.

A) 8

B) 9

C)) 10

D) 11

E) There is no such number

3

#10.01.00

There are 4 integers written in different number systems:

3110, F116, 261**8** , 711**8**

How many of them are numbers, the binary record of which contains exactly 5 units?

A) 2

B) 4

C) 1

D)) 3

E) There is no such number

4

#10.01.00

How many units are in the binary entry of the octal number 17318?

A) 1

B) 5

C) 6

D) 4

E)) 7

5

#10.01.00

How many units are in the binary record of the hexadecimal number 12F016?

A)) 6

B) 4

C) 2

D) 5

E) 1

6

#10.01.00

Convert the number of В0С16  into binary number system.

A) 111101010000

B)) 101100001100

C) 111000001111

D) 110100001111

E) 111111110000

7

#10.01.00

Convert the binary number 101011 to the hexadecimal number system.

A) 1C

B) 43

C)) 2B

D) 3D

E) 72

8

#10.01.00

Convert the binary number 110110 into the octal number system.

A) 23

B) 77

C) 11

D)) 66

E) 44

9

#10.01.00

Solve the equation: 121x + 110 = 1017

Write the answer in the ternary system ( the base of the number system in the answer is not needed to write).

A) 6

B) 11

C) 12

D) 2

E)) 20

10

#10.01.00

Solve the equation: 121*x* + 110 = 1019.

A)) 8

B) 11

C) 7

D) 1

E) 2

1

#11.01.00

Solve the equation: 224*x* + 110 = 1018.

A) 4

B)) 5

C) 6

D) 7

E) 8

2

#11.01.00

Solve the equation: 101x + 1310 = 101х+1

A) 4

B) 5

C)) 6

D) 7

E) 8

3

#11.01.00

In the number system with some basis, the decimal number 18 is written as 30.

Specify this basis.

A) 3

B) 4

C) 5

D)) 6

E) 7

4

#11.01.00

In the number system with some basis, the decimal number 70 is written as 77.

Specify this basis.

A) 16

B) 5

C) 7

D) 3

E)) 9

5

#11.01.00

In the number system with some basis, the decimal number 71 is written as 78.

Specify this basis.

A)) 9

B) 8

C) 16

D) 2

E) 7

6

#11.01.00

In the number system with some basis, the decimal number 80 is written as 62.

Specify this basis.

A) 8

B)) 13

C) 2

D) 16

E) 12

7

#11.01.00

In the number system with some basis, the decimal number 77 is written as 52.

Specify this basis.

A) 8

B) 2

C)) 15

D) 16

E) 13

8

#11.01.00

In the number system with some basis, the decimal number 12 is written as 30.

Specify this basis.

A) 2

B) 16

C) 8

D)) 4

E) 15

9

#11.01.00

In the number system with some basis, the decimal number 27 is written as 30.

Specify this basis.

A) 2

B) 4

C) 8

D) 16

E)) 9

10

#11.01.00

Solve the equation: 101N+1 = 101N + 158

Write the answer in decimal numeral system.

A)) 6

B) 2

C) 4

D) 16

E) 8

1

#12.01.00

What determines the performance of the computer?

A) monitor screen size

B)) core speed or processor frequency

C ) the supply voltage

D) speed keystrokes

E) the volume of the hard drive

2

#12.01.00

A microprocessor created for

A)) controlling the operation of the computer and data processing

B) input information into the computer

C) information output to the printer

D) edit text data

E) view information on the screen

3

#12.01.00

The clock speed of the microprocessor is measured in (CPU clock frequency is measured in )

A)) gigahertz

B) codes of symbol table

C) bytes

D) bits

E) gigabytes

4

#12.01.00

Microprocessor includes

A)) control unit (CU) and arithmetic logic unit (ALU)

B) read*-*only memory (ROM)

C) basic input output system (BIOS)

D) complementary metal–oxide–semiconductor (CMOS)

E) random access memory (RAM)

5

#12.01.00

In modern computers, the control unit (CU) and the arithmetic logic unit (ALU) are combined in

A)) processor

B) CMOS

C) ROM

D) driver

E) operating system

6

#12.01.00

Which of the following devices refers to peripheral computer device

A) arithmetic logic unit

B) central processing unit.

C)) printer

D) random access memory

E) CMOS

7

#12.01.00

Which of the following is a characteristic of the monitor

A)) color resolution

B) clock speed( core speed)

C) discontinuity

D) time of access to information

E) volume

8

#12.01.00

What is a microprocessor?

A)) Integrated scheme (IC chip ), which performs incoming at its entrance

instructions and controls the operation of the computer

B) device for storing the information, which is often used in the work

C) device for output text or graphic information

D) device for input alphabetical and numerical data

E) device for transmitting information to the global network (WAN)

9

#12.01.00

Which of the following devices related to the central computer devices:

A) monitor

B)) random access memory

C) keyboard

D) drive

E) magnetic tape

10

#12.01.00

What the device does not belong to the input devices :

A) mouse

B) keyboard

C) scanner

D)) printer

E) microphone

1

#13.01.00

What the device does not refer to external data media:

A) diskette

B) CD-ROM

C) Hard Disk Drive ("HDD")

D) card

E)) RAM (random access memory)

2

#13.01.00

From what device (unit), which is a part of the computer, the processor chooses the next command for execution?

A) peripheral storage devices

B) permanent storage

C)) random access memory

D) keyboard

E) mouse

3

#13.01.00

The classical architecture of computers called

A)) John von Neumann architecture

B) architecture by Charles Babbage

C) Blaise Pascal architecture

D) architecture Bill Gates

E) architecture Niklaus Wirth

4

#13.01.00

What is the function of the peripheral devices?

A) data storage

B) information processing

C)) input and output data

D) computer operation management

E) conversion to binary system

5

#13.01.00

Winchester created for

A)) permanent storage of information

B) connecting peripheral devices

C) control of work on the given computer program

D) storing information which is not edited on the computer

E) local area network connection

6

#13.01.00

PC buses provide

A)) Interconnection of its elements and devices

B) Elimination of radiation signals  
C) Elimination of thermal radiation

D) common power supply

E) cooling of computer devices

7

#13.01.00

A read-only memory (ROM) is ... a memory

A)) non-volatile

B) volatile  
C) dynamic

D) operational with random access

E) short-term

8

#13.01.00

Which of the following devices allows you to connect to the Internet?

A) printer  
B) monitor  
C) system unit

D)) modem

E) keyboard

9

#13.01.00

How does the processor process the information?

A) in decimal number system

B)) in binary code

C) on the programming language C

D) in text form

E) in the ternary numeral system

10

#13.01.00

What is a floppy drive?

A) device for processing commands of the executable program  
B))device for reading / writing data from external media

C) device for storing commands of the executable program

D) device for long-term storage of information

E) voice recognition device

1

#14.01.00

Which of the following devices exchanges information with the CPU faster?

A)) hard disk

B) 

C) floppy disk drive

D) printer

E) streamer

2

#14.01.00

Which algorithm is called linear?

A) algorithm that considers the length of an object

B) algorithm containing a jump instruction

C)) algorithm without branches and cycles

D) algorithm written in the Basic language

E) algorithm written in the Pascal language

3

#14.01.00

Which of the following devices related to peripheral computer device

A) arithmetic logic unit

B) central processing unit.

C)) printer

D) *r*andom access memory

E) CMOS

4

#14.01.00

The property of the algorithm is that, in the exact execution of all prescriptions, the process must stop after a finite number of steps with a definite answer to the posed problem is called

A) intelligibility

B) common

C) discreteness

D)) effectiveness

E) mass character

5

#14.01.00

What is the graphical representation of the algorithm?

A) the sequence of f ormulas

B)) flowchart

C) table

D) verbal description

E) array

6

#14.01.00

What is a Translator?

A)) translates the text of the program into machine code

B) provides tools for viewing and changing the values of variables

C) edit text

D) executes program statements

E) debug the user program

7

#14.01.00

Choose the right statement

A)) Translators are divided into compilers and interpreters

B) translators are divided into editors and macro assemblers

C) translators are divided into text and graphic

D) translators are divided into machine and machine-independent

E) translators are divided into relational and non-relational

8

#14.01.00

A program that allows the operating system to interact with a peripheral device is

A) translator

B) compiler

C)) driver

D) interpreter

E) editor

9

#14.01.00

The operating system is

A)) a set of programs that organize the management of the computer and its interaction

with the user

B) aggregate of main computer devices

C) a set of programs simultaneously used by several users

D) a set of programs for matching external devices and a computer

E) set of programs for applied purposes

10

#14.01.00

Files can have the same name in case

A) if they have different volumes

B) if they are created on different days

C) if they are created at different times of day

D)) if they are stored in different directories

E) in no case