

[Dashboard](#) / [My courses](#) / [CISC 530-51- A-2018/Late Fall](#) / [General](#)
/ [Online Assessment "First Trial" CISC 530. Starts on 10/27/2018 8:00 AM and ends on 11/10/2018 8:00 PM.](#)

Started on Tuesday, October 30, 2018, 11:05 AM

State Finished

Completed on Tuesday, October 30, 2018, 11:17 AM

Time taken 11 mins 37 secs

Grade 11.00 out of 20.00 (55%)

Question 1

Correct

1.00 points out
of 1.00

Using signed magnitude binary arithmetic, the sum of 75 and 46 is:

1111011

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 2

Incorrect

0.00 points out
of 1.00

There are two methods for radix conversion: the subtraction method and the multiplication remainder method.

Select one:

- ☒ True ✗
- ☐ False

The correct answer is 'False'.

Question 3

Correct

1.00 points out of 1.00

Serial ports send data as a series of pulses along one or two data lines.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 4

Correct

1.00 points out of 1.00

Using two's complement binary arithmetic, the sum of 107 and 46 is:

10011001

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 5

Correct

1.00 points out of 1.00

Fractional values of other radix systems have nonzero digits to the right of the radix point.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 6

Incorrect

0.00 points out of 1.00

Circuits that change state on the rising edge, or falling edge of the clock pulse are called level-triggered circuits.

Select one:

- ☐ True ✖
- ☐ False

The correct answer is 'False'.

Question 7

Incorrect

0.00 points out of 1.00

The ENIAC was the first general-purpose computer.

Select one:

- ☐ True
- ☒ False ✖

The correct answer is 'True'.

Question 8

Correct

1.00 points out of 1.00

DeMorgan's law provides an easy way of finding the complement of a Boolean function.

Select one:

- ☒ True ✔
- ☐ False

The correct answer is 'True'.

Question 9

Correct

The AND operator is also known as a Boolean sum. The OR operator is the

Correct

1.00 points out
of 1.00

Boolean product.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 10

Incorrect

0.00 points out
of 1.00

A word is a contiguous group of bits.

Select one:

- ☒ True ✗
- ☐ False

The correct answer is 'False'.

Question 11

Incorrect

0.00 points out
of 1.00

Fractional decimal values have nonzero digits to the left of the decimal point.

Select one:

- ☒ True ✗
- ☐ False

The correct answer is 'False'.

Question 12

Correct

1.00 points out
of 1.00

In the sum-of-products form, ANDed variables are ORed together.

Select one:

- ☒ True ✓

☐ False

The correct answer is 'True'.

Question 13

Incorrect

0.00 points out of 1.00

In the Von Neumann Model, the instruction is decoded into a language that the control unit can understand.

Select one:

☐ True ✖

☐ False

The correct answer is 'False'.

Question 14

Correct

1.00 points out of 1.00

In Computer Level Hierarchy, Level 3: System Software Level acts upon assembly language produced from Level 5, as well as instructions programmed directly at this level.

Select one:

☐ True

☒ False ✔

The correct answer is 'False'.

Question 15

Correct

1.00 points out of 1.00

The binary number $11010100011011_2 (= 13595_{10})$ in hexadecimal is:
351C

Select one:

☐ True

☒ False ✓

The correct answer is 'False'.

Question 16

Incorrect

0.00 points out of 1.00

The diminished radix complement of a non-zero number N in base r with d digits is: $(rd+1) - N$

Select one:

☒ True ✗

☐ False

The correct answer is 'False'.

Question 17

Correct

1.00 points out of 1.00

Two's complement is the radix complement of the binary numbering system; the radix complement of a non-zero number N in base r with d digits is $rd - N$.

Select one:

☒ True ✓

☐ False

The correct answer is 'True'.

Question 18

Incorrect

0.00 points out of 1.00

AND and OR are known as universal gates because they are inexpensive to manufacture.

Select one:

☒ True ✗

☐ False

The correct answer is 'False'.

Question 19

Incorrect

0.00 points out of 1.00

One of the simplest is the full adder, which finds the sum of two bits.

Select one:

☒ True ✖

☐ False

The correct answer is 'False'.

Question 20

Correct

1.00 points out of 1.00

Parallel ports send data as a Multiple pulses along at least eight data lines.

Select one:

☐ True

☒ False ✔

The correct answer is 'False'.