

Please note that there is only one correct answer for each multiple choice question. Please tick the correct box. If you tick more than one answer, you will get 0 points. Please make sure you tick the corresponding field with the right answer.

QUESTION 1 OF 10

Marked out of 3.00

A robot that is able to learn from visual cues and prevent mistakes is said to have ...

Select one:

- ☐ normal form data.
- ☐ artificial intelligence.
- ☐ system faults.
- ☐ modular packaging.

QUESTION 2 OF 10

Marked out of 3.00

Which gate returns a 1 value only if both inputs are different?

Select one:

- ☐ OR
- ☐ NAND
- ☐ AND
- ☐ XOR

QUESTION 3 OF 10

Marked out of 3.00

An IRQ is used for a device to ...

Select one:

- ☐ send output to RAM.
- ☐ request access to the OS.
- ☐ communicate with the motherboard.
- ☐ message the CPU.

QUESTION 4 OF 10

Marked out of 3.00

A device's hardware address is also known as the ...

Select one:

- ☐ Segment number.
- ☐ Serial address.
- ☐ IP address.
- ☐ MAC address.

QUESTION 5 OF 10

Marked out of 3.00

You are given the URL <http://www.hamburger.test/index.html>.
What part of this address is the computer name?

Select one:

- ☐ index
- ☐ www
- ☐ test
- ☐ hamburger

QUESTION 6 OF 10

Marked out of 3.00

Using this logic formula: $P \vee Q \wedge T \vee (\neg R \wedge T)$, are there more true results or false in the truth table?

Select one:

- ☐ Cannot tell from the formula.
- ☐ They are the same.
- ☐ More true results.
- ☐ More false results.

QUESTION 7 OF 10

Marked out of 3.00

Which of the following is a type of firmware?

Select one:

- ☐ RAM
- ☐ motherboard
- ☐ hard disk
- ☐ BIOS

Marked out of 6.00

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QUESTION 9 OF 10

Marked out of 8.00

If you were writing a program and you received a message that said, "syntax error" what should you check in your code?

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Marked out of 10.00

If you sent a kilobyte of bits, how many parity bits would there be? What about a megabyte?

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