

Started on	Monday, 2 January 2023, 11:20 AM
State	Finished
Completed on	Monday, 2 January 2023, 11:30 AM
Time taken	9 mins 42 secs
Grade	5.00 out of 10.00 (50%)

Question **1**

Complete

Mark 1.00 out of 1.00

(2FAOC) 16 is equivalent to

Select one:

- ☒ a. **Both answers**
- ☐ b. **(001011111010 00001100) in binary**
- ☐ c. **(195084) in decimal**
- ☐ d. **None of these**

The correct answers are: **(195084) in decimal, (001011111010 00001100) in binary, Both answers**

Question **2**

Complete

Mark -0.25 out of 1.00

Your computer has gradually slowed down. What's the most likely cause?

Select one:

- ☐ a. Adware/spyware is infecting your PC
- ☒ b. Your processor chip is just getting old
- ☐ c. Overheating
- ☐ d. You dropped a sandwich in your computer

The correct answer is: Adware/spyware is infecting your PC

Question **3**

Complete

Mark 1.00 out of 1.00

The circuit used to store one bit of data is known as

Select one:

- ☒ a. **Flip Flop**
- ☐ b. **Encoder**
- ☐ c. **Register**
- ☐ d. **Decoder**

The correct answer is: **Flip Flop**

Question **4**

Complete

Mark -0.25 out of 1.00

Which of the following operating systems is produced by IBM?

Select one:

- ☐ a. **OS-2**
- ☐ b. **DOS**
- ☐ c. **Windows**
- ☒ d. **UNIX**

The correct answer is: **OS-2**

Question **5**

Complete

Mark -0.25 out of 1.00

The CPU of a computer takes instruction from memory and executes them. This process is called

Select one:

- ☒ a. **Execution**
- ☐ b. **Fetch-Execute Cycle**
- ☐ c. **Time Sequence**
- ☐ d. **Load**

The correct answer is: **Fetch-Execute Cycle**

Question **6**

Complete

Mark 1.00 out of 1.00

What is the binary result of -8 single right shift

Select one:

- ☐ a. **124**
- ☐ b. **174**
- ☒ c. **01111100**
- ☐ d. **11111000**

The correct answer is: **01111100**

Question **7**

Complete

Mark 1.00 out of 1.00

Which parameter of computer determines its power to do various operations on data items

Select one:

- ☐ a. **Application language**
- ☒ b. **Instruction set**
- ☐ c. **Assembly language**
- ☐ d. **Memory size**

The correct answers are: **Instruction set, Memory size**

Question **8**

Complete

Mark -0.25 out of 1.00

If certain processor support only immediate and direct addressing mode.Which of the following programming language feature cannot be implemented on this processor ?

Select one:

- ☐ a. **All of the Above**
- ☐ b. **Arrays**
- ☐ c. **Pointers**
- ☒ d. **Records**

The correct answer is: **All of the Above**

Question **9**

Complete

Mark 1.00 out of 1.00

Computers use addressing mode techniques for

Select one:

- ☐ a. **Giving programming versatility to the user by providing facilities as pointers to memory counters for loop control**
- ☒ b. **All the above**
- ☐ c. **To reduce no. of bits in the field of instruction**
- ☐ d. **Specifying rules for modifying or interpreting address field of the instruction**

The correct answer is: **All the above**

Question **10**

Complete

Mark 1.00 out of 1.00

(67) in hexadecimal = (?) in decimal

Select one:

- ☒ a. **103**
- ☐ b. **99**
- ☐ c. **101**
- ☐ d. **100**

The correct answer is: **103**

◀ [quiz-1 02-01-2022](#)

Jump to...



Register Transfer language. Register Transfer Bus and memory transfers, Arithmetic micro operations, logic micro operations, shift micro operations, Arithmetic logic shift unit.

