Quiz Microprocessor

Total points **10/10** ❓

Solve all Questions

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Class: TEC B DIV

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Correct answer

Correct Answer

Roll No *

50

1. A _____ is a specially designed circuit on a microprocessor chip which can perform the same task very quickly, which the microprocessor performs 1/1

- ◉ A. Coprocessor configuration ✓
- ○ B. Closely coupled configuration
- ○ C. Loosely coupled configuration
- ○ D. None of the above

2. The coprocessor and the processor is connected via? 1/1

- ○ A. TEST
- ○ B. QS0
- ○ B. QS1
- ◉ D. All of the above ✓

3.Which of the following are advantages of Loosely Coupled Configuration? 1/1

- ○ A. Having more than one processor results in increased efficiency
- ○ B. easy to achieve parallel processing
- ○ C. system structure is flexible
- ◉ D. All of the above ✓

4.The _____ handles all the communication between the processor and the memory * 1/1

○ A. numeric extension unit

○ B. Packed Unit

◉ C. control unit ✓

○ D. Binary Unit

5.8087 Numeric Data Processor designed by? 1/1

◉ A. Intel ✓

○ B. IBM

○ C. Microsoft

○ D. VAX

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6. In which type of communication, the interface gets a single byte of data from the microprocessor and sends it bit by bit to the other system serially and vice-a-versa? 1/1

○ A. Parallel Communication Interface

◉ B. Serial Communication Interface ✓

○ C. Both A and B

○ D. None of the above

○ Other: _____

✓ 7.Which of the following are known as Higher Address Bus?   1/1

○ A. A15 - A8 ✓

○ B. AD7 - AD0

○ C. READY

○ D. WR

✓ 8.In which mode, the CPU periodically reads an internal flag of 8279 to check whether any key is pressed or not with key pressure?   1/1

○ A. Interrupt mode

○ B. Encoded Mode

○ C.Polled mode ✓

○ D. Decoded Mode

✓ 9.Which of the following is not true features of 8257?   1/1

○ A. It has three channels which can be used over three I/O devices. ✓

○ B. Each channel has 16-bit address and 14-bit counter.

○ C. Each channel can transfer data up to 64kb.

○ D. Each channel can be programmed independently.

✓ 10. What is the correct range of frequency for 8257?   1/1

○ A. 500Hz to 3MHz.

○ B. 250Hz to 2MHz.

◉ C. 250Hz to 3MHz.   ✓

○ D. 500Hz to 2MHz.