

Computer Architecture Important Question Answers

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Computer Architecture Important Question Answers

1. What is the goal of a compiler?

- A. Be versatile
- B. Be able to detect even the smallest of errors
- C. Reduce the clock cycles for a programming task
- D. Reduce the size of the object code

Answer - Click Here:

C

2. In every cache valid bit is associated with _____:

- A. Each memory word in a cache
- B. One bit with all memory words
- C. Each memory byte in the cache
- D. None of these

Answer - Click Here:

C

3. What does SPEC stand for?

- A. System Performance Evaluation Corporation
- B. Standard Processing Enhancement Corporation
- C. Standard Performance Evaluation Code
- D. System Processing Enhancing Code

Answer - Click Here:

A

4. The function $K=J$ in J-K flip-flop is used to realize _____:

- A. T flip-flop
- B. Master-slave flip-flop
- C. D flip-flop
- D. S-R flip-flop

Answer - Click Here:

B

5. What is the reference system to find the performance of a system As of 2000?

- A. SUN SPARC
- B. SUN II
- C. Ultra SPARC 10
- D. None of these

Answer - Click Here:

C

Search

MCQS

MCQs – Database Systems
MCQs – Computer Network
MCQs Data Structures
MCQs-Computer Science Basics
MCQs – Computer Science
MCQs – English
MCQs – Biology
MCQs – Everyday Science
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6. How many output lines an encoder has?

- A. $2*n$
- B. $n*n$
- C. 2
- D. n

Answer - Click Here:

D

7. Where does the instruction gets stored during a looping operation?

- A. System Heap
- B. System Stack
- C. Registers
- D. Cache

Answer - Click Here:

D

8. How many bits does [ASCII](#) code require for alphabet character?

- A. 8
- B. 7
- C. 10
- D. 12

Answer - Click Here:

B

9. What is the clock period of a processor clock if it is rated as 1250 million cycles per second?

- A. $8 * 10^{-10}$ sec
- B. $1.25 * 10^{-10}$ sec
- C. $1.6 * 10^{-9}$ sec
- D. $1.9 * 10^{-10}$ sec

Answer - Click Here:

A

10. What one is the basic limitation of FSM?

- A. An FSM sometimes recognize grammars that are not regular
- B. It sometimes fails to recognize grammar that is regular
- C. An FSM can remember the arbitrary large amount of information
- D. All of the above comments are true

Answer - Click Here:

C

11. What does CISC stand for?

- A. Complex Instruction Set Computer
- B. Complex Instruction Sequential Compilation
- C. Complete Instruction Sequential Compilation
- D. Computer Integrated Sequential Compiler

Answer - Click Here:

A

12. The hexadecimal equivalent of a [binary number](#) 10101111 is:

- A. 9E
- B. 8C
- C. AF
- D. All of these

Answer - Click Here:

C

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