

Computer Fundamental and Microprocessors Objective Questions and Answers Pdf

1. Which one of the following can be used to change data from spatial code to temporal code?
 - a. Shift registers
 - b. Counters
 - c. A/D converters
 - d. Combinational circuits

As: A

2. Which one of the following is not a characteristic of RISC processor design?
 - a. One instruction per cycle
 - b. Register to register operations only
 - c. Simple address modes
 - d. Register to memory operations only

Ans: D

3. Each cell of a static Random Access memory contains
 - a. 6 MOS transistors
 - b. 4 MOS transistors and 2 capacitors
 - c. 2 MOS transistors and 4 capacitors
 - d. 1 MOS transistor and 1 capacitor

Ans: A

4. Which one of the following has the shortest access time?
 - a. NMOS EPROM
 - b. NMOS RAM
 - c. CMOS RAM
 - d. Bipolar static RAM

Ans: D

5. The use of cache in a computer system increases the
 - a. Available memory space for the program
 - b. Available memory space for data

- c. Average speed of memory access
- d. Addressing range of CPU

Ans: C

6. Techniques that automatically move program and data blocks into the physical main memory when they are required for execution are called

- a. Main memory techniques
- b. Virtual memory techniques
- c. Cache memory techniques
- d. Associate mapping techniques

Ans: B

7. The microprograms provided by a manufacturer to be used on his microprogrammed computer are generally called

- a. Software
- b. Netware
- c. Firmware
- d. Hardware

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Ans: C

8. A program structure that permits repeated operation of a particular sequence of instructions is known as

- a. Subroutine
- b. Loop
- c. Module
- d. Microprogramming

As: A

9. Division by zero in a program gives rise to which one of the following?

- a. Syntax error
- b. Runtime error
- c. Logical error
- d. Semantic error

Ans B

10. The different classes of formal parameters used in PASCAL are
- a. Value and variable parameters
 - b. Procedure and function parameters
 - c. Value, variable. Procedure and function parameters
 - d. Variable, procedure and function parameters

Ans: A

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