Computer Architecture MCQs from latest Books edition

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1. Which registers of the processor are connected to Memory Bus?

- A. PC
- B. MAR
- C. IR
- D. Both PC and MAR
- ☐ Answer Click Here:

В

2. What is a collection of 8 bits called?

- A. Byte
- B. Word
- C. Record
- D. None of these
- ☐ Answer Click Here:

Α

3. What does ISP stand for?

- A. Interchange Standard Protocol
- B. Interrupt Service Procedure
- C. Instruction Set Processor
- D. Information Standard Processing
- ☐ Answer Click Here:

C

4. What is the ascending order of a data Hierarchy?

- A. Bytes -bit record field file database
- B. Bytes bit- field record file database
- C. Bit bytes record field file database
- D. Bit bytes fields record file database
- ☐ Answer Click Here:

D

Internal components of the processor are connected by:

- A. Rambus
- B. Processor bus
- C. Processor intra-connectivity circuitry
- D. Memory bus
- ☐ Answer Click Here:

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6. How much address lines are required to address each memory location in a
2048 x 4 memory chip?
A. 11
B. 12
C. 6
D. 14
□ Answer - Click Here:
A
7. What is used to choose between incrementing the PC or performing ALU
operations? A. Control unit
B. Conditional codes
C. Multiplexer
D. None of these
□ Answer - Click Here:
C
8. What is a computer program called that converts an entire program into machine language at one time?
A. Simulator
B. Interpreter
C. Commander
D. Compiler
□ Answer - Click Here:
D
9. The interconnection between ALU & Registers is collectively known as:
A. Information path
B. Data path
C. Process route
D. Information trail
☐ Answer - Click Here:
В
10. Where does the operand is placed in immediate addressing?
A. After OP code in the instruction
B. In the CPU register
C. In stack
D. In memory
☐ Answer - Click Here:
A
11. What is used to store data in registers?
A. JK flip-flop
B. RS flip-flop
C. D flip-flop
D. None of these
☐ Answer - Click Here:

12. What are the interrupts which are initiated by an I/O drive?	
A. Software	
B 5 1 1	

B. External

C. Internal

D. All of these

☐ Answer - Click Here:

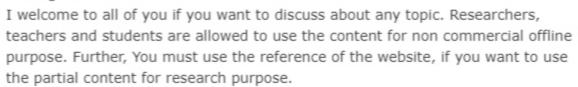
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