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Microprocessor MCQ Test

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Q1. A machine language instruction format consists of -

- A. Operation code field
- B. Operation code field & operand field
- **C. Operand field**
- D. none of the mentioned

Q2. The instruction, MOV AX, 1234H is an example of -

- A. register addressing mode
- **B. immediate addressing mode**
- C. based indexed addressing mode
- D. direct addressing mode

Q3. The full form of FPGA is -

- A. Forward Programmable Gate Array
- **B. Forward Parallel Gate Array**
- C. Field Programmable Gate Array
- D. Field Parallel Gate Array

Q4. Which language could be used for programming an FPGA.

- A. VHDL
- **B. Verilog**

- **C. Both A and B**
- D. None

Q5. 8085 microprocessor has how many pins -

- A. 41.
- B. 39.
- **C. 40.**
- D. 30.

Q6. What is SIM?

- **A. Set interrupt mask.**
- B. Sorting interrupt mask.
- C. Select interrupt mask.
- D. None of these

Q7. The ROM programmed during manufacturing process itself is called -

- A. EPROM
- B. PROM
- C. EEPROM
- **D. MROM**

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Q9. Output of the assembler in machine codes is referred to as -

- A. Source program
- B. Macroinstruction
- **C. Object program**
- D. Symbolic addressing

Q10. The software used to drive microprocessor-based systems is called-

- A. firmware
- B. machine language code
- C. BASIC interpreter instructions
- **D. assembly language**

Q11. How many buses are connected as part of the 8085A microprocessor?

- A. 8
- B. 5
- **C. 3**
- D. 2

Q12. The items that you can physically touch in a computer system are called:-

- A. firmware
- **B. hardware**
- C. software
- D. none of the above

Q13. ALU (Arithmetic and Logic Unit) of 8085 microprocessor consists of-

- A. Accumulator, arithmetic, logic circuits and five flags
- B. Accumulator, arithmetic and logic circuits
- **C. Accumulator, temporary register, arithmetic, logic circuits and five flags**
- D. Accumulator, temporary register, arithmetic and logic circuits

Q14. Register pair used to indicate memory-

- A. B and C
- B. D and E
- **C. H and L**
- D. W and Z

Q15. The Intel 8086 microprocessor is a _____ processor.

- **A. 16 bit**
- B. 32 bit
- C. 8 bit
- D. 4 bit

Q16. In which year, 8086 microprocessor was introduced?

- **A. 1978**
- B. 1979
- C. 1977
- D. 1981

Q17. In 8086, Example for Non maskable interrupts are _____.

- A. rst6.5
- B. intr
- C. rst6.6
- **D. trap**

Q18. RIM is used to check whether, _____

- **A. The interrupt is Masked or not**
- B. The write operation is done or not
- C. both 1 & 2
- D. None of these

Q19. The first digital computer build with IC chips was known as -

- A. Apple -1
- B. IBM 7090
- **C. IBM system / 360**
- D. VAX - 10

Q20. Which of the following is used for manufacturing chips?

- A. Control bus
- B. Control unit
- C. Parity unit

- **D. Semiconductor**

Q21. Which of following instruction subtract memory and carry from a,b

- A. AB[a,x,y]
- **B. SBC[a,b]**
- C. SUB[a,b,d]
- D. tst[a,b]

Q22. Which of following load the stack pointer

- A. bgt
- **B. LDS**
- C. bhs
- D. RTS

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