

Msbte News

Microprocessor Mcq Questions and Answers Pdf

1) The Microprocessor is a _____ of the computer and it performs all the computational tasks.

- A) Main
- B) Heart **Answer**
- C) Important
- D) Simple

2) The Purpose of the Microprocessor is to control_____

- A) Memory **Answer**
- B) Switching
- C) Processing
- D) Task

3) The Intel 8086 Microprocessor is a _____ processor.

- A) 8 bit
- B) 16 bit
- C) 32 bit **Answer**
- D) 4 bit

4) The work of EU is -----

- A) Encoding
- B) Decoding **Answer**
- C) Processing
- D) Calculations

5) 1MB of memory can be divided into ----- segment.

- A) 1 Kbyte
- B) 64 Kbyte **Answer**
- C) 33 Kbyte
- D) 34 Kbyte

6) If MN / MX is low the 8086 operates in ----- mode.

- A) Minimum
- B) Maximum **Answer**
- C) Both a) and b)
- D) Medium

7) Which is not an operand ?

- A) Variable
- B) Register
- C) Memory location
- D) Assembler **Answer**

8) The number of addresses and data lines of 8086-----.

- A) 8 and 8
- B) 16 and 16

- C) 20 and 16 **Answer**
- D) 16 and 20

9) The register AX is formed by grouping

- A) AH & AL **Answer**
- B) BH & BL
- C) CH & CL
- D) DH & DL

10) The SS is called as

- A) single stack
- B) stack segment **Answer**
- C) sequence stack
- D) random stack

11) The pin of minimum mode AD0- AD15 has
-----data bus

- A) 4 bit
- B) 20 bit
- C) 16 bit **Answer**
- D) 32 bit

12) Which is not an operand ?

- A) Variable
- B) Register
- C) Memory location
- D) Assembler **Answer**

13) The extension that is essential for every assembly level program is

- A) .ASP
- B) .ALP
- C) .ASM **Answer**
- D) .PGM

14) The coded object modules of the program to be assembled are present in

- A) ASM file
- B) .OBJ file **Answer**
- C) .EXE file
- D) .OBJECT file

15) IDIV instruction divides _____ numbers.

- A) Signed **Answer**
- B) Unsigned
- C) Both
- D) None of the above

16) The INC destination increments the content of destination by _____

- A) 1 **Answer**
- B) 2
- C) 30
- D) 41

17) The instruction that adds immediate data/contents of the memory location specified in an instruction/register to the contents of another register/memory location is

- A) SUB
- B) ADD **Answer**
- C) MUL
- D) DIV

18) The instruction that unconditionally transfers the control of execution to the specified address is_____

- A) CALL
- B) JMP **Answer**
- C) RET
- D) IRET

19) Which of the following is not a machine controlled instruction?

- A) HLT
- B) LOCK
- C) CLC **Answer**
- D) ESC

20) The instruction that loads effective address formed by destination operand into the specified source register is

- A) LEA **Answer**
- B) LDS
- C) LES

D) LAHF

21) _____ register is used as a default counter in case of string and loop instructions.

- A) BX
- B) DX
- C) CX **Answer**
- D) AX

22) _____ register is used as an implicit operand or destination operand in case of arithmetic instructions and Input-Output instructions.

- A) AX
- B) DX **Answer**
- C) CX
- D) BX

23) The instruction that loads the AH register with the lower byte of the flag register is

- A) SAHF
- B) AH
- C) LAHF **Answer**
- D) PUSHF

24) The instruction that is used for finding out the codes in case of code conversion problems is

- A) XCHG
- B) XLAT **Answer**
- C) XLAT
- D) JCXZ

25) The instruction that pushes the contents of the specified register/memory location on to the stack is

- A) PUSHF
- B) POP
- C) POPF
- D) PUSH **Answer**

26) The beginning of the macro can be represented as

- A) BEGIN
- B) MACRO **Answer**
- C) START
- D) NONE OF THE ABOVE

27) The end of a macro can be represented by the directive.

- A) ENDM **Answer**
- B) ENDS
- C) END
- D) ENDD

28) The instructions that are used to call a subroutine from the main program and return to the main program after execution of called function are

- A) CALL, RET
- B) CALL, JMP **Answer**
- C) JMP, IRET
- D) JMP, RET

29) The instruction that is used as prefix to an instruction to execute it repeatedly until the CX register becomes zero is

- A) SCAS
- B) REP **Answer**
- C) CMPS
- D) STOS

30) The mnemonic that is placed before the arithmetic operation is performed is

- A) AAA
- B) AAS
- C) AAM
- D) AAD **Answer**

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