

BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN
II B.Tech. I Sem., I Mid-Term Examinations, December-2020
Computer Organization and Architecture
Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. The two phases of executing an instruction are []
 a) Instruction decoding and storage b) Instruction fetch and instruction execution
 c) Instruction execution and storage d) Instruction fetch and Instruction processing
2. Location of the operand in instruction is []
 a) operation field b) Mode field c) address field d) None
3. Branch unconditional stands for []
 a) BUS b) BCUN
 c) BUN d) BDC
4. Interrupts initiated by an instruction is called as []
 a) internal b) external c) software d) hardware
5. In instruction code of 16 bits , length of operation field is []
 a) 4 b) 8 c) 1 d) 3
6. Which type of Microoperation Used to Carry the information from one register to another []
 a) Data transfer b) Arithmetic c) Program control d) Logical
7. The mode bit is ____ for direct address, ____ for indirect address []
 a) 0,1 b) 1, 0 c) 1,1 d) 0,0
8. In indirect address, ____ defines address of the operand []
 a) Operation code b) memory word c) effective address d) register
9. $(125)_{10} = (\quad)_8$ []
 a) $(145)_8$ b) $(175)_8$ c) $(134)_8$ d) $(205)_8$
10. 2's complement of 1011010 []
 a) 0100101 b) 0010100 c) 1010010 d) 0100110

Cont.....2

II. Fill in the Blanks:

11. Length of INPR/OUTR is _____
12. A Register capable of shifting a bit to either left or right once is _____
13. ____ is the length of Accumulator
14. Mnemonic for Load the accumulator is _____
15. _____ Holds the address of next instruction in the sequence
16. A stack organized computer use _____ instruction format
17. Next address generator is also called as _____
18. Addressing mode in which operand value specified directly is _____
19. 1's complement of 1100010 is _____.
20. A - B is represented in 2's complement as _____

-All the best-

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- 4.2's complement of 1011010 []
a) 0100101 b)0010100 c)1010010 d)0100110

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