2017

CSIT

Paper : 2.3/408 (Old)

MICROPROCESSOR 8085/8086

Full Marks: 80

Time: 3 hours

The figures in the margin indicate full marks for the questions

1. Fill in the blanks: 5x1=5

   i. PPID stands for.....

   ii. ASCII stands for .....

   iii. ALE stands for .....

   iv. READ is a ..... enable signal

   v. GPR stands for .....

2. Define Microprocessor. 3

3. Write about the functional characteristics of Flag Register of Microprocessor 8085. 7

4. What is Interrupt Signal? Explain briefly. 5

5. Memory Address 8000H,8001H,8004H and 8005H contains 10,12,13, and 03 respectively. Write a program to Add the content of 8000H,8001H,8004H and store the result at 8007H. Then subtract

the content of 8004H from the content of 8007H.Store this result at register H. 7

6. What is RESET signal available in Microprocessor 8086. 3

7. Draw the block diagram of Microprocessor 8085. 10

8. What is Control Word? Is it essential for interfacing of external device with microprocessor? How, explain with suitable example. 3+1+6=10

9. What is Instruction set? How many types of Instruction set are available in Microprocessor with reference to Operation and size? Explain. 3+2+10=15

10. Explain about Instruction Register. 5

11. Write short notes (any two) 5x2=10

    i. Control signal Block

    ii. Bus system

    iii. Addressing Mode

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