SE - 195

Total No. of Pages : 2

Seat No.	

S.E. (CSE) (Semester - III) Examination, December - 2018

MICROPROCESSORS

Sub. Code : 63528

Day and Date : Saturday, 01 - 12 - 2018 **Total Marks : 50**

Time : 09.30 a.m. to 11.30 a.m.

Instructions : 1) Attempt any one question from Q.No. 1, 2 and 5, 6.

2) Question No. 3, 4 and 7, 8 are compulsory.

SECTION - I

Q1) a) Write and explain program of subtraction between two 16-bit no. [5]

b) Explain Stack Memory addressing Mode of advanced microprocessors. [5]

Q2) a) Draw and explain Flag register for entire 80×86 and Pentium microprocessor. [5]

b) Explain descriptor of 80286 microprocessor with proper diagram. [5]

Q3) a) Explain MOV Revisited concept of 16 bit instruction mode with example. [5]

b) Draw and Explain architecture of 8085 Microprocessors. [5]

Q4) Write Short Note on (any one) : [5]

a) Branching Instructions of 8085.

b) Access Right Byte.

c) Memory Paging.

SECTION - II

Q5) a) Explain the structure of 80386 Microprocessor : The memory system. [5]

b) Explain the all Shift Rotate instructions in details. [5]

P.T.O.

Q6) a) Explain all register set of the Pentium-4 microprocessor. [5]

b) Explain DO-WHILE, REPEAT-UNTIL instructions. [5]

Q7) a) Explain WAIT, LOCK Prefix and ENTER and LEAVE instructions in details. [5]

b) Explain Short, Near and Far Jump with proper example. [5]

Q8) Write Short Note on (any one) : [5]

a) BOUND instruction

b) Hyper Threading Technology

c) Interrupt Vector Table

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