Seat No.	

SV - 191

Total No. of Pages : 2

S.E. (CSE) (Part - II) (Semester - III) Examination, April - 2018
MICROPROCESSORS
Sub. Code : 63528

Day and Date : Saturday, 28 - 04 - 2018 **Total Marks : 50**

Time : 2.30 p.m. to 4.30 p.m.

Instructions :
1) **All questions are compulsory.**
2) **Figures to the right indicate full marks.**

SECTION - I

Q1) a) Explain all Program Memory addressing Mode of advanced microprocessors. **[5]**

b) Write and explain program of Addition between two 16-bit no. **[4]**

Q2) a) Explain Flag register for entire 80X86 and Pentium microprocessor family. **[4]**

b) Explain architecture of 8085 Microprocessors in detail. **[6]**

Q3) Write Short Note on (Any Two): **[6]**

a) PUSH and POP Instruction.

b) Arithmetic Instructions of 8085.

c) Descriptor.

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SECTION - II

Q4) a) Explain all Basic Logic Instructions. [4]

b) Draw and explain the architecture of the Pentium-Pro microprocessor. [5]

Q5) a) Explain All pins of 80386 Microprocessor. [5]

b) Explain all Multiplication and Division instructions of Microprocessors. [5]

Q6) Write Short Note on (Any Two): [6]

a) BCD and ASCII instructions.

b) Hardware Interrupts.

c) Assembler Details.

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