Total No. of Questions : 8]　　　[Total No. of Printed Pages :2

Roll No ....

EI-8302
B.E. VIII Semester
Examination, June 2017
Embedded Systems
(Elective - III)
Time : Three Hours

Maximum Marks : 70

Note: i)　Answer any five questions.
　　　　ii)　All questions carry equal marks.

1.　Describe the timing diagram of PIC operation during the reception of characters using VART at 9600 band.

2.　Discuss the Parallel Port Interface existing in Motorola family of embedded system.

3.　Draw block diagram of HIS/HSO external memory interfacing.

4.　Explain the 80196 CPU operations with neat diagrams.

5.　Draw and explain ARM200 Architecture.

6.　What is the difference between Product memory mapping and External memory mapping.

7.　Write short note on Simulators?　646

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8.　Answer any four of the following:

　　a)　List the various addressing modes for motorola MC68H11.

　　b)　Draw 80196-architecture

　　c)　Explain X scale technology.

　　d)　What are Round Robin interrupts?

　　e)　Explain with diagram a real time operating system by giving an example.

　　f)　What do you understand by Real Time Operating System?

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