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CC-67

M. Tech. EXAMINATION, May 2017

(Third Semester)

(Re-appear Only)

ECE(Industry Integrated)

MTEC-613-B

EMBEDDED APPLICATION BASED ON ADVANCED MICROCONTROLLER

Time: 3 Hours [Maximum Marks: 75]

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note: Attempt any *Five* questions. All questions carry equal marks.

(3-15/9) M-CC-67

P.T.O.

1.	Explain the IIR and FIR filter used in A microcontroller.	7. 15	Explain the microcontroller and also def various types of microcontroller.	fine 15
 3. 	Explain the architecture of microcontroller explain various addressing mode microcontroller. (a) Define embedded operating system. (b) Explain the thumb instruction set use	and 8. of 15	Write notes on the following: (a) RISC vs CISC (b) UART.	15
 4. 5. 	AVR microcontroller. Write the assembly language programming embedded system design. Explain the architecture of ARM process	15		
	also explain the programming of ARM mo	del. 15		
6.	(a) Explain various features of A microcontroller.(b) Explain the generation of square was programming.	15		
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