VRK/KS/14/3143/3222

Faculty of Engineering & Technology Eighth Semester B.E. (Electronics)/EDT Examination EMBEDDED SYSTEMS Sections-A & B

Elective-II

Time—Three Hours]

MIS-48939

	Ti	me—	Three Hours]	[Maximum Marks-	-80
http://www.rtmnuonline.com			INSTRUCTIONS 7	TO CANDIDATES	
		(1)	All questions carry marks as indicated.		
		(2) Answer THREE questions from Section A and THREE questions from Section B.			i
		(3)	Assume suitable data wherever necessary.		
	(4) Illustrate your answers wherever ne the help of neat sketches.			s wherever necessary with	ı
	SECTION—A				
	1.	(a) Often the SEI mask command is used at the beginn of a program containing interrupts. Why?			
_		200			6
		(b)	Explain the clock generation module with suitable		
			diagram.	72	7
	2.	(a)	What are the three normal operating modes available		
			for use in 68HC12?		7
		(b)	Explain the markablé	interrupts of µc 68HC12.	. 7
	3.	(a)	Explain the addressing r	modes of 68HC12 with suita	ble
			example.		6
		(b)	Explain the SPI control	register of 68HC12 in det	ail.
					7

Contd.

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