GUJARAT TECHNOLOGICAL UNIVERSITY ME – SEMESTER III (NEW) – EXAMINATION – WINTER-2016

Subject Code: 3735206			Date:25/10/2016	
Subject Name: Embedded Computing			Total Marks: 70	
Q.1	(a) (b)	Compare Embedded computing with General purpose computin Expalin pipelined execution	g 07 07	
Q.2	(a) (b)	Discuss VLIW design principles Explain VLIW encoding	07 07	
	(b)	OR Write on Multiway branch architecture	07	
Q.3	(a) (b)	Explin the structure of an ILP compiler Discuss power aware software techniques for compilers OR	07 07	
Q.3	(a) (b)	Explain Profiling tools of Embedded cross development Toolcha Explain Pettis-Hansen technique	uin 07 07	
Q.4	(a) (b)	Explain Dictionary based software compression technique Explain thread, process and microkernel OR	07 07	
Q.4	(a) (b)	Explain Load time decompression technique List the C Language extensions for Digital Signal Processing	07 07	
Q.5	(a) (b)	Explain CMM's 5 levels of software maturity Write on purpose of make file used in project development OR	07 07	
Q.5	(a) (b)	Explain the 7 step plan Explain the purpose of Master Drawing Book	07 07	
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