Code No.: 6356/N

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B.E. 3/4 (I.T.) II Semester (New) (Supple.) Examination, December 2009 and a property and a sure of the systems of the state of the specific of the state of the specific of the state of the sta

Time: 3 Hours]	dustrial program n	isaa Taasi [Max.: Marks:	75	
Note: Answer all questions from P	art A. Answer any fi	ve questions from Part	В.	
PA literative medianical particular particul				
1. Define a Real Time System. Give exa	mples#************************************	wing so Ada program	ં 3	
2. Define release times and deadlines of	Real Time Jobs.	. Write short notes on	2	
3. What are the different structured design approaches for Real Time Systems design? 3				
4. Mention some of the features of Ada-real time programming language.				
5. What are the services provided by Pool Time Co.				
6. Give examples of commercially available Real Time Operating systems.			3	
7. What are the additional issues in Real Time data base system?			2	
8. What are the ways of maintaining serialization consistency?			3	
9. What is the difference between hardware fault and software fault?		2		
10. What are the different forms of error re			3	
PAF	RT – B	(50 Mark		
11. a) Explain the classification of Real Ti	me Systems.	, (ov V Avades an	3	
b) Explain with necessary figures any		n in detail	7	
12. a) Describe Real Time System life cyc		ma and the total did o		
b) Explain the event based approach for		design	4	
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Maria Ma	Code No.: 6356/1
13. a) What are the capabilities of commercial Real Time Operation	ig Systems ?
b) Explain the features and architecture of Vx works operating	systems.
14. a) Explain the disk scheduling algorithms for Real Time Datab	pase Systems.
b) Explain about main memory databases.	jenoli i jene
15. a) What is Redundancy? What are the different types of Redu	ndancy?
b) Explain the various approaches to achieve Hardware Redun	ıdancy.
16. Write an Ada program to illustrate the concept of user defined pa	ackages in Ada. 10
17. Write short notes on:	
a) Integrated failure handling. (handling by Fault and error containment.	elio adi su, tedW - s
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