BE | ST (Bhs) VII | SA | 21/12/16 Sub:-Exertire I: - Softwore Architecture Q.P. Code: 814701

		(3 Hours) [Total Marks: 80	
		(B Hours)	
	N	B.: (1) Question number 1 is compulsory. (2) Attempt any three from the remaining. (3) Assume suitable data.	
1.	67	Design Domain-Specific Software Architecture (OSSA) for online shopping website Management System. Assume suitable entities, attributes etc. Domain Model must consists following:- a) Domain Dictionary and Information Model. b) Feature Model and Operational Model.	20
2.	a) b)	Define Architectural analysis, Discuss various analysis types with an example.	10 10
2	۵)	Discuss Service-Oriented Architecture (SOA) and Web Service.	10
3.	b)	Explain with an example Software System Mobility and Architecture.	10
4.	a)	Explain the distributed object style in connection with CORBA middleware.	10
7.	b)	What is C2 style? Explain its architecture.	10
5.	a)	Discuss frameworks for the Pipe-and-Filter Architectural Style.	10
٥.	b)	Discuss Elements of the Architectural Style.	10
	0)	Discuss Parinting of the Control of	
6.	•	Write short notes on the following.	20
1	(a)	Peer-to-Peer style.	
	b)	Challenges in Migrating Code.	
	c)	System Stakeholders.	
-	d)	Simulation-Based Analysis.	