1st Semester Back Examination – 2016-17
OBJECT ORIENTED SYSTEM
BRANCHS : CSE
Time: 3 Hours
Max Marks: 70
Q.CODE :Y936
Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.

Q1		Answer the following questions:	(2 x 10)
	a)	What do you mean by information hiding?	
	b)	Define meta-classes.	
	c)	Write about the four phases in OMT?	
	d)	Define UML. Mention the primary goals in the design of the UML.	
	e)	Describe the difference between method and process.	
	f)	Why is documentation an important part of analysis?	
	g)	Define axiom? What are the two design axioms applied to object-oriented design?	
	h)	How do you present UML attribute?	
	i)	Differentiate between collaboration and sequence diagrams.	
	j)	What is the relationship between coupling and cohesion?	
Q2		Describe the Object oriented Systems Development Life Cycle.	(10)
Q3	a)	What is Unified Process Model? Explain the iterations, outcomes & Workflow in unified Process Model with neat diagram.	(5)
	b)	Describe Object-Oriented Modeling Techniques.	(5)
Q4	a)	The goal of Analysis model is to develop a model of what of the system will do? Draw a Analysis model for Banking System.	(5)
	b)	Draw Use case diagram for Online Shopping.	(5)
Q5	a)	What do you mean by object-oriented design model? Also discuss the input and output of object-oriented design.	(5)
	b)	Discuss object-oriented testing strategies in detail.	(5)
Q6	a)	Draw the sequence diagram of login page.	(5)
	b)	Draw the activity diagram of ATM Machine system	(5)
Q7	a)	What do you mean by class diagram? Where it is used and also discuss the steps to draw the class diagram with any one example.	(5)
	b)	Discuss different notation of UML diagram in detail.	
Q8		Write short notes on any two	(5 x 2)
	a)	Object Oriented test design issues	
	b)	Test strategy Vs Test plan.	
	c)	Association Vs Aggregation	