BTS(C) – VII – 06 – 045 (J)

B. Tech Degree VII Semester Examination
November 2006

CS 702 OBJECT ORIENTED MODELLING AND DESIGN
(Prior to 2002 Admissions)

Time : 3 Hours   Maximum Marks : 100

I.	(a)	Differentiate between class and object.	(6)
	(b)	Explain the concept of encapsulation and information hiding.	(7)
	(c)	Explain meta class.	(7)

OR

II.	(a)	What is meant by message? Explain various types of messages.	(12)
	(b)	Explain static and dynamic binding.	(8)

III.	(a)	Explain UML class diagrams and usecase diagrams with the help of examples.	(10)
	(b)	Explain Jacobson's object oriented methodology.	(10)

OR

IV.	(a)	Briefly explain object modelling techniques.	(12)
	(b)	Explain UML dynamic modelling.	(8)

V.	(a)	Explain how effective documentation is developed using usecase model.	(12)
	(b)	Write a note on usecase model.	(8)

OR

VI.		Explain usecase driven object oriented analysis in detail.	(20)

VII.	(a)	Write a note on design patterns.	(10)
	(b)	Explain the design process of methods and protocols.	(10)

OR

VIII.	(a)	Write a note on object constraint languages.	(8)
	(b)	Explain the design of classes.	(12)

IX.	(a)	Write a note on distributed objects and CORBA.	(10)
	(b)	Explain software testing strategies.	(10)

OR

X.	(a)	Write a note on client server computing.	(10)
	(b)	Explain how software quality is assured.	(10)

***