Course Code:	MCT541	

First Semester Master in Computer Application Examination
OBJECT ORIENTED PROGRAMMING

Time: 2 Hours]	[Max. Marks: 40

Instructions to Candidates:
1. All questions are compulsory.
2. All questions carry marks as indicated against them.

Question		Description of Question	Marks	CO
1	(a)	In how many different ways a final keyword can be used in Java? Justify your answer with the help of suitable programs.	06	CO1
	(b)	Write Java code for the following scenario: one interface can extend another interface and Class can implement multiple interfaces.	06	CO1
2	(a)	Create a Java program to throw "NumberFormatException" exception and handle it.	04	CO2
	(b)	Write a Java program to create an ArrayList containing five string elements. Demonstrate how binarySearch method works on this ArrayList.	04	CO2
	(c)	Develop a Java program to create a file and write text into it using FileWriter class	04	CO2
	(d)	Write a Java program to demonstrate thread priority mechanism.	04	CO2
3	(a)	Illustrate various JSP directives with sample Java code.	04	CO3
	(b)	Write a code to demonstrate the Java Database connectivity.	04	CO3
	(c)	Discuss the major tasks performed by servlets also differentiate servlets with JSP.	04	CO3