Seat N	·		
	GUJARAT TECHNOLOGICAL UNIV M.E – I <sup>st</sup> SEMESTER–EXAMINATION – JUL	ERSITY Y- 2012	
Subje	ect code: 715103N	Date: 09/07/2012	
Subje	ect Name: Object Oriented Programming		
Time	: 2:30 pm – 05:00 pm	Total Marks: 70	
	ctions:		
2.	Attempt question 1, which is compulsory and answer any five f Make suitable assumptions wherever necessary. Figures to the right hand indicate the marks.	rom the rest of the question	ns
b. c. d.	Write the differences between object oriented programming and pr What are the two ways of creating a thread? What is a stub class? Explain briefly. Explain briefly how thread priority can be controlled in java.	[2 Marks X 10 = 20 Marks] rocedure oriented programmi	
f. g. h.	What do you mean by super keyword? Explain briefly. What is the difference between throw and throws statement What is inner class? Illustrate with an example. What is garbage collection? Explain in short. List out the two uses of "this" keyword. Write the differences between class and interface in JAVA?		
	Explain the features of JAVA. How Java is different from C++.	[5 Marks]	
b.	Explain the concept of multidimensional arrays in JAVA	[5 Marks]	
	3 List out any four members of Object class and explain their use in Explain the following with example (1) Default constructor (2) Parameterized constructor (3) Copy con		
Q. No.	4		
a.	What is the use of exceptional handling? Explain the keywords use with the help of an example.  Define interface. What is the use of interface?	ed to handle exceptions in Jar [6 Marks] [4 Marks]	va
Q. No. a. b.	5 Discuss briefly about the TCP, UDP & URL What is InetAddress? How to create an InetAddress? Write its use.	[6 Marks] [4 Marks]	
Q. No.	6		
a.	Define multithreading. Give an example of application that needs in What is method overloading? Can you define two methods that have parameter types? Can you define two methods in a class that have parameter profile with different return value types or different modern parameters.	ve same name but different identical method names and	
	7 fine sockets. Use socket programming to design a client/server applinput and checks whether it is correct. The program should print the	<u> </u>	ırd

 [10 Marks]

a. Discuss in detail the memory management in java with respect to variables of primitive type,

Q. No. 8