Code No: 117FX

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech IV Year I Semester Examinations, November/December - 2016 OBJECT ORIENTED PROGRAMMING THROUGH JAVA

(Electronics and Communication Engineering)

Time: 3 Hours Max. Marks: 75

Note: This question paper contains two parts A and B Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

The second secon		(25 Marks)
1.a) What is the difference between an object and a class?	*****	[2]
b) How does a class accomplish data hiding?		
c) What is the purpose of inheritance? Give example.		[3]
d) What is an interface? Give example.		[2]
e) What are the benefits of exception handling?		[3]
f)What is thread synchronizationExplain.		[2]
a) What is Errort lister and F. 1.	::	[3]
g) What is Event listener? Explain.		[2]
h) What is window? What are the operations of window?		[3]
i) What are the limitations of AWT?		[2]
j) State the differences between applets and applications.		[3]
	244	[2]
** *** *** *** *** *** *** *** *** ***		

PART-B

2.a)	What are the unique	advantages of a	un object oriented p	aradigm?	(50 Marks)
b)	What is a constructo	r? What are its	special properties?	8	[5+5]
3.a)	What are the differen	nt kinds of birw	OR Single in local	rical attraction	200, 200
1.5	Y11	The state of other	ise and Doolean log	gical operators in	Java?**** ***

Illustrate dynamic binding with a Java program. b) [5+5]

What are the differences between an interface and class. Explain with suitable examples. 4.a) Describe the various forms of implementing interfaces. Give examples of java code for each case. [5+5]

5.a)

Define the variable super and its uses with an example. Write a Java Program to show the use of Abstract classes. b) [5+5]

6.a) ... Discuss about "thread priorities". with examples... b) What do you mean by an exception and error? Give the hierarchy of the exceptions in java.

[5+5]OR

What does extending a thread mean? Explain by means of a program. How to create a user defined exception? Explain with an example. [5+5]

6	6):	an event driven p an adapter class a the class hierarch ents are categorize	[5+5]	TO TO THE STATE OF			
Ć,	11.a) With a n	out applet basics its window during eat sketch, explain rogram, explain,	in the Swing arch	nitecture.		applet itself [10] [5+5]	
 				AND			
	25	25					26
6			**** ****	ZS		26	
	25	26			EG	#*** **** *** **** **** ****	æ
		26			26		
	26		26	26			
:					ZE	AND THE STATE OF T	# # # # # # # # # # # # # # # # # # #

www.ManaResults.co.in