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Code No.: 4007/N

FACULTY OF INFORMATICS

M.C.A. I Year I Semester (Supplementary) Examination, December 2010

(New)

PRINCIPLES OF OBJECT/ORIENTED PROGRAMMING.

Time: 3 Hours [Max. Marks: 80 Answer one question from each unit. All questions carry equal marks. Unit-I VASAVI LIBERARY 1. Describe about following keywords: (4+4+4+4)(a) Final (b) Static (c) Super (d) this. Or (8)2. (a) What is method over riding? Explain it with good example. (b) What is an interface? Explain it with example. (8)Unit-II (a) What is an exception? Describe exception handling. (8)3 (b) What are different types of I/O streams? Write a program to accept number from keyboard display the factorial of that number of result. (8)4. (a) What is a thread? Explain thread creation with an example. (b) Write an example program to read text from keyboard and write to a file (8)and monitor. Unit-III 5. (a) What is importance of java.util package and explain about: (i) maps (6+6)(ii) arrays. (4)(b) Explain about Hashset class. Or

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	Write an example program for storing user-defined classes in collections. Assume mail address list. Describe about different methods available with Random Access interface	(10)
	PRINCIPLES OF GENECATION FEDGRAMMING	
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7. (a	Write an example program using stream Tokenizer class, for finding no.of words, characters, lines, in a given input.	(10)
(b	Briefly describe about Reader, writer classes. (3+3)
	Or	
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8. (a) What is serialization? Explain about different classes and interfaces which support serialization.	ch (10)
(b	Explain about file class.	(6)
181	er When a method over riding? Esquam it with good example.	
	Unit-V	
	Explain about event delegation model using example program.	(10)
(b) Describe about layout managers.	(6)
	at What is an exception? Describe of Ocupion handing.	
10. (a) What is as applet? Explain applet life cycle. Give an example applet for displaying scrolling text.	(10)
(b) Briefly describe about Mouse Events.	(6)
	What is a thread? Explain thread orestion with an example.	
	(a) Write an example program to read text from keyboord and write to a file and monitor.	
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