ADRE GATEME

USN	1			15CS45
		Fourth Semester B.E.	Degree Examination, Jui	ne/July 2018
			Oriented Concepts	
Tir	ne: :	3 hrs.		Max. Marks: 80
	1	Note: Answer any FIVE full au	estines choosing one full avection	from and a l
	1	Note: Miswer uny 11v E juit que	estions, choosing one full question	from each module.
1	a. b.	Write a C++ program to get em constructor) and allowance)	Module-1 Object Oriented programming para aployees details (empno, ename, bs of Employee class through keying the method Dispdata() on con	alary(initialized to 1000 by board using the method
		OF DIE	OR	
2	a. b. c.	Describe function Prototype, w Explain namespace, with an ex-	ample. and write a C++ program for	(04 Marks) (04 Marks) r finding areas of circle
	1000	printing the areas on console overloading.	d square (x * x) by getting r, \(\epsilon \), b a using the method Area() applying	nd x through keyboard and g the concept of function (08 Marks)
			Module-2	R. 60
3	a. b. c.	Discuss briefly the concept of b	which are eliminated in Java. Why? yte code in Java. program and its keywords with an e	(04 Marks)
			(0)	
4	a.	How arrays are defined in Java's	OR Explain with an example	(04 Marks)
	b.	Elucidate how Java is a platform	n independent language, with neat	sketches (06 Marks)
	C.	Write a Java program to print fa	actorial of the number n' using for	loop. (06 Marks)
		6	Module-3	
5	a.	Explain package and its types a	nd import command in Java with e	xamples. (08 Marks)
	b.	Write a Java program to defi	ne an interface called Area whice areas of rectangle (\(\epsilon \) b) and tri	h contains method called
			OR	
6	a. b.	Write a Java program for illust	ndling in software development. trating the exception handling who	
	c.	zero and an array has a negative Elucidate the concept of inherita	e index value. ance and its classifications in Java	with sketches. (06 Marks)
7	a.	Define the concept of multithrea	Module-4 ading in Java and explain the differ	ent phases in the life cycle

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

of a thread, with a neat sketch.

b. Discuss briefly Synchronization in Java (2).

(08 Marks)

(02 Marks)

(06 Marks)

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OR

8 a. Elucidate the two ways of making a class threadable, with examples. (08 Marks)
b. Describe the delegation event model and explain what happens internally at a button click.
(08 Marks)

Module-5

9 a. Briefly explain Applets. (03 Marks)
b. Elucidate Lucidly the skeleton of an Applet. (05 Marks)

c. Write a Java program to play an audio file using Applet. (08 Marks)

OR

10 a. Write the advantages of swing over AWT. (04 Marks)

b. Write a brief note on Containers in swing. (04 Marks)

c. Write a swing program for displaying anyone of the options. C, C++, Java, Php through the selection of Combo box by clicking show button. (08 Marks)

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