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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Name:

FOURTH SEMESTER B.TECH DEGREE EXAMINATION, DECEMBER 2018

Course Code: CS206

		Course Name: OBJECT ORIENTED DESIGN AND PROGRAMMING (CS)	
Ma	ax. M	Iarks: 100 Duration: 3	Hour
		PART A Answer all questions, each carries 3 marks.	Mark
1		Draw the Use Case diagram of online railway ticket reservation system	(3)
2		Why are java programs said to be platform independent?	(3)
3		What is a constructor? What are its uses?	(3)
4		Why is the main method in java qualified as public, static, and void?	(3)
		PART B Answer any two full questions, each carries 9 marks.	
5	a)	Represent the following class diagram as a java class.	(5)
	b)	- length -breadth -width +read() #calculateArea() +calculateVolume() Write briefly about any fourfeatures of Java.	(4)
6	a)	Write a java program to check whether a given number is prime or not.	(4)
	b)	Show the use of different types of shift operators in java with the help of suitable examples.	(5)
7	a)	Draw a table showing the visibility of all access specifiers available in java language with respect to; same class, same package sub-class, same package non sub-class, different package sub-class, different package non sub-class.	(6)
	b)	Is it possible create an object for a class A using, A ob = new A(); if the class contains only parameterized constructor? Justify.	(3)

PART C

Answer all questions, each carries 3 marks.

8	Does importing a package makes available all classes, interfaces and sub-	(3)
	packages within it? Justify.	, ,
9	What are the uses of "finally" statement in exception handling?	(3)
