S2012

SH supplementally

Name:

APJ ABDUL KALAM TECHNOLOGICAL UNIVER FOURTH SEMESTER B.TECH DEGREE EXAMINATION, DEC

Course Code: CS206

	Course name: OBJECT ORIENTED DESIGN AND PROGRAMM	IING (CS)
Max. M	Tarks: 100	Duration: 3 Hours
	PART A Answer all questions, each carries 3 marks.	Mark
1	Draw the Use Case diagram of online railway ticket reservation system	**
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 <i>main</i> 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)
,	Shape	(0)
	- length -breadth -width	
b)	+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	t. (4)
b)	Show the use of different types of shift operators in java with the help examples.	of suitable (5)
7 a)	Draw a table showing the visibility of all access specifiers available in language with respect to; same class, same package sub-class, same pasub-class, different package sub-class, different package non sub-class	ackage non
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.

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