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SARDAR PATEL UNIVERSITY MASTER OF COMPUTER APPLICATIONS SEMESTER - III

PS03CMCA21 - Object Oriented Programming Using Java Friday 5th April 2019

	•	Max. I	(. Marks: 70	
Time: 2:00 pm to 5:00 pm			[8]	
t-to onti	on for each qu	estion:	• -	
commano is	used to execute	e a compiled java program.		
	B)	java		
A) javac	D)	None of these		
C) jdbWhich of these methods can be use	ed to output a st	ring in an applet?		
- · · · · · · · · · · · · · · · · · · ·	B)			
A) display()	D)	None of these		
C) drawString()3. What is the result of evaluating rel	ational operator	rs?		
	B)	int		
A) boolean	D)	None of these		
C) char4. Classes from which java package	can be used by	their name without importing?		
4. Classes from which java package	B)			
A) java.io	D)	java.lang		
C) java.net5. Which of the following describes	AWT?	. 1 / 4 = 11-i+		
	,	A heavyweight toolkit	•	
Toyre toolkit	D)	None of these	•	
6. Which method is used to load the	DBC driver c	lass?		
	22)	Java.forDriver()		
	D)	Database.getDriver()		
C) JDBC getDriver()7. Which of the following class is n	ot a part of the	collections framework:		
	• ,	•		
,	D)	String	•	
C) Stack8. Which of the following is not di	rectly related to	multithreading?		
A) start()				
C) main()	D)	run()		
•	_		[14]	
Q-2 Answer the following question	ıs (Any Seven):	a) To 1		
The the following: 1) lava V	irtual Macinic	(3 1111) -7 - 7 -	•	
 Define the following: 1) the definition of the Java List any six features of the Java 	programming 1	anguage.		
2. List any six realures of the save	d Swing			
3. Differentiate between: AWT ar	Iff DAMP			
4. Draw the life cycle of an apple	program.	OutOfRoundsException.		
5 Write a code snippet for handli	ng <i>Arrayinaex</i> C	Jul O j Bounda Bacop West		
6 Write the names of the major S	Milla combone	nts.		
7. What is a layout manager? Wh	at does it do?		1	
/. What is a layout manager	<i>-</i> .		(P.T.O)	
	(4)	•	\sim	

8. List types of JDBC drivers.9. List important classes from the java.util package.		
 Q-3 A. Write a short note on different layouts of Swing. B. Explain exception handling in Java. OR	[6] [6]	
B. List and explain different methods of the String class.	[6]	
 Q-4 A. Discuss wrapper classes in detail with code snippets. B. Write a short note on event handling in Java. OR 	[6] [6]	
B. Explain access modifiers like public, private, etc. in Java.	(v)	
Q-5A. Explain the important classes for performing input / output in Java.B. Write sample code for inserting a row in a table using JDBC.		
OR B. Explain arrays and the <i>ArrayList</i> class in Java with code snippets.	[6]	
 Q-6 A. Compare the Java programming language with the C and C++ programming languages. B. Write a short note on multi-threading in Java. 	[6] [6]	
OR B. Explain the following in the context of Java: 1) Generics 2) serialization 3) collections	[6]	
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