Core & Advanced Java

QP Code: 19428

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		(3 Hours) [7	Total Marks: 8
	I.B. :	: (1) Question No. 1 is compulsory. (2) Attempt any four questions out of the remaining Q. 2 to Q. 7. (3) Answers to sub question should be answered together.	
1.	Att	ttempt any four.	
		(a) What is JDK and JRE?	
		(b) Draw the hierarchy of input stream classes.	
		(c) Custom tags in JSP.	
		(d) Adapter class.	
		(e) Differentiate between Struts 1.X versus Struts 2.X	
2.	(a)	What is database driver? Which are the types of database drivers	?
	(b)		
3.	(a)	What is Cookie clase? Which are the methods of Cookie class with the help of example.	? Explain
	(b)		
4.	(a)) What is EJB? Explain the types of EJB.	
	(b)		
5.	(a)	List the Java API packages. Write a program to create "online education	
		containing various related classes or interface as Branch, Subject, I	ext, Kesuit
	(h)	etc. Each class or interface will contain methods to handle its task. Explian Event delegation model.	9
ï	(b)) Expiran Event delegation model.	
6.	(a)	How do we achieve session tracking in servlet?	
	(b)	Define an exception called "No Match Exception" that is throu	wn when a
		string is not equal to "Mumbai". Write a program that uses this ex	ception.
7.	(a)	What is XML? Explain structure of XML DTD.	
	(b)) What is multithreading environment? Explain thread synchronization	on in detail.

DP²Con.: 8730-15.