

## Adv. Java

Q.P. Code: 14598

	(2½ Hours)	[ Total Marks : 75
N.B.: (1)	All questions are compulsory.	
(2)		
(3)	Illustrations, in-depth answers and diagrams will be	e appreciated
(4)	Mixing of sub-questions is not allowed.	TY,
Q1. (A)	Attempt the following (any THREE):	(4) 15
(A)	Write a short note on life cycle of a Servlet.	12
(1)	Explain any four methods of HttpServletRequest interface.	" VA
··(C)	What is the role of a Filter in Servlets? Explain various para doFilter() method.	meters pt
(D)	Figures to the right indicate full marks.  Illustrations, in-depth answers and diagrams will be Mixing of sub-questions is not allowed.  Attempt the following (any THREE):  Write a short note on life cycle of a Servlet.  Explain any four methods of HttpServletRequest interface.  What is the role of a Filter in Servlets? Explain various para doFilter() method.  Write a Servlet which accepts EMPNO, NAME and CONTA sent from a HTML document (employee.html) and display to screen. Also give the code for employee.html document.  Write a Servlet file which will display if a number N is prime Number N is accepted from prime.html.	ACTAYO hem on
(E)	Write a Servlet file which will display if a number N is with Number N is accepted from prime html.	e or not.
(F)	Write a Servlet which allows user to add new records to a ta	
	'unmpwd'. Values for username and password are passed the	
Q2.	Attempt the following (any THREE):	1.5
(A)	Explain how control can be transferred from JSP to another component with code snippet.	web 15
(B)	Explain error handling mechanism in JSP with code snippet.	
· (C)	Explain jsp:useBean tag with example.	* 5
(D)	Write a short note on Unified Expression Language.	
(E)	Write a Java Server Page Onlsplay current date. Also displa	w the
(_)	counter showing number of times the JSP was requested.	ly life
(F)	Write a Java Server Page which displays value of m to the p  (m <sup>n</sup> ) where m and n are accepted from numbers.html.	ower of n
	(iii ) where in anoth are accepted from humbers.html.	×
Q3.	Attempt the following (any THREE):	15
(A)	What is Enterprise Java Bean? Explain any four benefits of I	
(B)	State the difference between Java Beans and EJB.	<u> </u>
(C)	State the contents of Enterprise Bean. Also state their naming conventions.	g
(D)	What are various ways of passing parameters in EJB?	20
, (E)	Differentiate between Session Bean and Message Driven Bea	9 n
(F)	What is MessageListener? Also explain onMessage() method	d.
Q4.	Attempt the following (any THREE):	15
(X) (A)	What factors should be considered before giving local or remaccess to beans?	note 15
b, (B)	What are the characteristics of a Remote Client of an Enterprise What are the different ways to create an enterprise bean that	rise Bean? allows
	remote access?	

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