VCD- 22 [(a) |g S.Y.Bsc(C.S) -Advanced Java -sem IV-MRK-75 -HRS -2 1/2

N.B	1) All questions are compulsory.		
	2) Figures to write indicate marks.		
	3) Illustrations, in-depth answers and diagrams will be appreciated.		
	4) Mixing of sub-questions is not allowed.	v) Abbreviate the term OGNL	
Q.1	Attempt All (each of 5 marks)	(15) (15) (Any Three)	
(a)	Multiple choice Questions:	write the difference between AWT and Swing.	
	i) Which method can set or change the text in a Label?		
	a. setText()	b. getText()	
	c.Add()	d. None the above	
	ii) These objects hold data retrieved from a database after you execute an SQL query using -		
	Statement objects.		
	a.CallableStatement	b.DBMS	
	c.Statement	d.ResultSet	
	iii)Which methods are used to bind the objects on HttpSession instance and get the objects?		
	a. setAttribute	b. getAttribute	
	c. Both A & B	d. None of the above	
	iv) Which tag should be used to pass inform	nation from JSP to included JSP?	
	a) Using <%jsp:page> tag	b) Using <%jsp:param> tag	
	c) Using <%jsp:import> tag	d) Using <%jsp:useBean> tag	
	v) Abbreviate the term POJO?	which Dalve? Explain V cexes of they of	
	a) Plain Old Java Object	b) Performance Old Java Object	
	c) Performance Optimize Java Object	d) None of the above	
(b)	Fill in the blanks:	e scalabling to use ISON Scheme.	
	(setText() ,public void rollback() ,.jsn,Singleton Session Bean,public void commit(),ErrorPage, .json,getText(),IsErrorPage,Stateful Session Bean)		
	i) method drops all changes made since the previous commit/rollback.		
	ii) method can set or change the text in a Label?		
	iii)attribute specifies a JSP page that should process any exceptions thrown but not		
	caught in the current page.		
	iv)is the file extension of JSON.		
	v) maintain their state between client invocations but are not required to maintain their state across server crashes or shutdowns.		
	then state across server crashes or shutuc		

(c)	Answer in 1-2 sentence.	
	i) List any two constructor of JTextField().	
	ii) List the types of Drivers in JDBC.	
	iii) What are the life cycle methods of JSP?	
	iv) List the JSP Directives.	B) Illustrations, in-depth answers.
	v) Abbreviate the term OGNL .	
		(15)
Q.2	Attempt the following (Any Three)	
(a)	Write the difference between AWT and SWING.	(a) Wultiple chalce Questions:
(b)	Explain how to create and use JButton component in swing	is which method can set or chair
(c)	Write short note on JTable.	
(d)	Explain JDBC Architecture.	
(e)		and cave in database (Assume
(f)	to accept customer details from us	er and save in database.
(1)	Customer table exists with fields: Customerid, Name, Add	ress, Contactivo)
	A CANADA	fremetatzeldella (15)
Q.3	Attempt the following (Any Three)	c.Statement
	Explain the ISP Life Cycle.	
(a) (b)	Write a short note on Serviet Context Interface.	
	Write short note on JSP Scripting elements.	
(c)	Directive	8.8 Antos 5
(d)	Write a serulet program to perform Subtraction of two N	lumbers.
(e)	Write a JSP program to find cube of given Number.	
(f)	Write a 351 b - 68	Est - 1989 (15)
0.4	Attempt the following (Any Three)	gat «hogmicgelite» salety fo
Q.4	Evoluin interceptors in struts.	•
(a)	What is OGNL? Explain the execution flow of OGNL	of abhasiate the term is
(b)	s hotween ISON and XML.	losidO svet No vertil to
(c)	What are JavaBeans? Explain the components of Javabe	eans.
(d)	the an example how to create and use a jave	a bean.
(e)	Explain how to use JSON Schema.	
(f)	Explain now to assess	Obseller blav sidue (bxsTree) (15)
_	Callewing (Any Three)	
Q.	And Architecture	
(a)	t trate on PosultSet	
(b)	Tracking Mechanisms in servlet.	
(c)	L. Life mide	
(d	- 1 . 1 to greate and use Il ist component in swin	g.
(e	Explain now to cleate and use select of the	