Enrollment		Exam Seat N H UNIVER Examination-2	SITY					
Subject Name : Programming with Java –II								
Subject Cod	le : 4CS04BJV2	Branch: B.C.A.	Branch: B.C.A.					
Semester: 4	Date : 20/10/2018	Time: 10:30 To 1:	30 Marks: 70					
Instructions: Use of Programmable calculator & any other electronic instrument is prohibited. Instructions written on main answer book are strictly to be obeyed. Draw neat diagrams and figures (if necessary) at right places. Assume suitable data if needed. 								
Q1 Atter	npt following MCQs.		14					
1)	In RMI, TCP/IP is available a) Client c) Both A and B	ble in side b) d)	Server None					
2)	Which Layout Manager u a) GridBag c) Flow	ses SOUTH constant? b) d)	Border Card					
3)	J2EE means a) Java2 Entry Edition c) Java2 EJB Edition		Java2 Entity Edition Java2 Enterprise Edition.					
4)	Meta Data Means a) Data c) Data about data	b) d)	information None					
5)	Which is Not J2EE API? a) Servlet c) JNDI	b) d)	JSP JDSN					

Which is scriptlet tag? 6)

<% %> a)

b) <? ?>

c) <-- ->

1

d) None

7) How many types of database drivers available in JDBC?

a) c)

b) d) 2 4





	8)	Which	is a web container?						
		a)	Apache Tomcat		b)	HTTP			
		c)	Session		d)	HTTPS			
	9)	Servle	t is	programming.					
		a)	server side		b)	client side			
		c)	Both A and B		d)	None			
	10)	JSP is	side pr	ogramming langı	ıage.				
		a)	server		b)	client			
		c)	Both A and B		d)	None			
	11)	PAGE	_AXIS constant use	d in					
		a)	BoxLayout		b)	FlowLayout			
		c)	CardLayout		d)	GridLayout			
	12)	2) getConnection() is a method of class.							
		a)	Connection		b)	DBConnect			
		c)	ConnectDB		d)	DriverManager			
	13)	Session	n created using						
			HttpSession		b)				
		c)	HTMLSession		d)	HttpServletRequest			
	14)	execut	executeQuery() method returns object.						
		,	Request		b)	ResultSet			
		c)	Response		d)	None			
Atten	ipt a	ny FOUR	Questions from fol	lowing.					
Q2	Att	empt follo	wing.				14		
	a) Evaloin Cuidl avout managen with avourals								
	a) Explain GridLayout manager with example.b) What is Swing? Explain JButton and JTextField class with methods.								
			ate: Swing Vs. AWT		a class v	with methods.	5 4		
Q3	Attempt following.								
	a) Explain 3-tier Architecture with advantages and disadvantages.								
	b) Discuss: Stub and Skeleton.								
	c)	Write a no	te on : Web Contain	ier.			4		
Q4	Attempt following.								
		_	DBC? Explain Type-	1 and Type-2 Dr	ivers.		14 5		
	b) Explain Statement interface with any two methods.								
	c)	What is ex	ecuteQuery()?Exp	olain with example	le.		4		



Q5	Attempt following.		
	a) Write a note on: JSP Life cycle.b) Explain HttpServletResponse class with any two methods.c) Discuss: Page directives in JSP.	5 5 4	
Q6	Attempt following.	14	
	a) What is Servlet? Explain life cycle of Servlet.b) Write a HTML/JSP Program to enter empno and delete a record in	5	
	Emp(empno, ename, salary, city) table. c) Write a note on: J2EE API.	5 4	
Q7	Attempt following.	14	
	a) Explain DatabaseMetaData Class with any two methods.b) What is PreparedStatement interface? Explain with example.c) Write a JDBC Program to insert a record in STUD (rollno, sname, addr, city)	5 5	
	table.	4	
Q8	Attempt following.	14	
	a) Write a HTML/servlet program to insert record in Emp (eno, ename, salary, Table.	city)	
	b) Write a JSP Program to display all records of Customer(no, name, addr, city) in Tabular format.	Table 7	

