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Pa	aper Code & Roll No. to be	e filled in your Answer Book
	Roll No.	
	B. Tech. II	II Year (V Sem.)
	Odd Semeste	r Examination-2015
100	Advance Ja	va Programming
Tim	ne: 3 Hours]	[Maximum Marks:100
		Unit - I
Answer Any Four		(4x5=20)
1.	What is the purpose of Jaya Beans.	ava Beans? Discuss the advantages of
2.	List and discuss four interface in Java.X.Servlet package.	
3.	Explain the architecture of EJB and its types with example.	
4.	Explain Java Bens? Explain the steps to create Java Beans using BDK.	
5.	How to create objects in	Java Scripts, define in detail.
	U	nit-II
Ansv	wer Any Four (4x5=20)	ii) soden enoliment
1.	Discuss the role of JSP in development of website.	

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- How variable and method are defined in JSP? Explain with syntax.
- Explain the working of JDBC-ODBC bridge. 3.
- 4. What is JDBC? Explain with architecture.
- 5. What is session? How session can be managed in JSP? Write a program for that. (Maximum Marks (199

Unit - III

Answer Any Two

(2x10=20)

Fine 13 Hours

- Who do we need drivers for database connectivity. Differentiate 1. between type 3 & type 4 drivers.
- Explain Struts framework. Differentiate between Struts & JSP 2.
- What are various SQL commands used to connect to a an application. Write a program to fetch following details from a database. perfect conjunt in the sectors, define he detail
 - student name
 - student_enrollment ii)

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- iii) Student Class
- iv) Student Section

Unit-IV

Answer Any Two

(2x10=20)

- What is servlet life cycle and what manage it, explain? Why do
 we need inter servlet communication
- Write a program to demonstrate passing and retrieving values of parameter to a servlet.
- What is Development Descriptor? Which element of the servlet element in the development descriptor is used to specify the parameters for the servletconfig object.

Unit - V

Answer Any Two

(2x10=20)

- What do you stand by multithread programming? Explain with a simple suitable example.
- How an abstract class is different from concrete derived class?
 Explain by giving example.

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Explain life cycle of thread in detailed. . Explain exception handling 3. mechanism in java with example? Differentiate between throw and throws clause what is serviced life cyclic and what monage it, expends "Why do nobsoluten too salves resp. been ov write a program to the morsupate pressing and replaying values of distribution to a service What is The elops court Description? Which element of the service element in the development descriptor is used to specify the page and a few days of the page of W-Himil What do you stand by multi-broad programming? Explain with a signose suitriva example. How an ab troop class is abstraces front concern derived class? Explain is given equapies DIA (4) TCS-505 / 1860