

GUJARAT TECHNOLOGICAL UNIVERSITY**Diploma - Semester-VI- Regular Examination May 2011****Subject code:361603****Subject Name: Advanced Java****Date: 24/05/2011****Time : 02.30 p.m. – 05.00 p.m.****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is Authentic

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|-------------|--|-----------|
| Q.1 | (a) Explain life cycle of the Servlet. | 07 |
| | (b) Write a short note on life cycle of JSP page. | 07 |
| Q.2 | (a) Write a swing program to display sum of two numbers. Use Label, Text box and button. | 07 |
| | (b) Compare Java Servlet and JSP. | 07 |
| | OR | |
| | (b) Explain different border style available in java swing. | 07 |
| Q.3 | (a) Explain java listeners used in web application. | 07 |
| | (b) Explain prepared statement of JDBC using example. | 07 |
| | OR | |
| Q.3 | (a) Explain java handlers used in web application. | 07 |
| | (b) Explain advantages of java servlet. | 07 |
| Q.4 | (a) Explain cookies with example using JSP. | 07 |
| | (b) Explain action tag of JSP. | 07 |
| | OR | |
| Q. 4 | (a) Explain session with example using JSP. | 07 |
| | (b) Explain directive elements of JSP. | 07 |
| Q.5 | (a) Write a Servlet to create login application. | 07 |
| | (b) Write a JDBC program to display all the records of table T1(Enroll,Name,SPI) | 07 |
| | OR | |
| Q.5 | (a) Write a Servlet to Print factorial of entered number. | 07 |
| | (b) Write a JDBC program to update name = 'abc' into table T1(Enroll,Name,SPI) whose Enroll= 101 | 07 |

પ્રશ્ન-૧	અ	Servlet ની lifecycle સમજાવો	07
	બ	JSP page ની lifecycle સમજાવો	07
પ્રશ્ન-૨	અ	Label, Text box and button નો ઉપયોગ કરી swing program to display sum of two numbers લખો.	07
	બ	Java Servlet અને JSP ની તુલના કરો.	07
		અથવા	
	બ	જુદી-જુદી border style available in java swing સમજાવો.	07
પ્રશ્ન-૩	અ	Web application મા ઉપયોગી java listeners સમજાવો.	07
	બ	Prepared statement of JDBC ઉદાહરણ આપી સમજાવો	07
		અથવા	
પ્રશ્ન-૩	અ	Web application મા ઉપયોગી java handlers સમજાવો.	07
	બ	Java servlet ના ફાયદા સમજાવો.	07
પ્રશ્ન-૪	અ	cookies using JSP ઉદાહરણ આપી સમજાવો	07
	બ	Action tag of JSP સમજાવો.	07
		અથવા	
પ્રશ્ન-૪	અ	session using JSP ઉદાહરણ આપી સમજાવો	07
	બ	directive elements of JSP સમજાવો	07
પ્રશ્ન-૫	અ	લખો Servlet to create login application.	07
	બ	લખો JDBC program to display all the records of table T1(Enroll,Name,SPI)	07
		અથવા	
પ્રશ્ન-૫	અ	લખો Servlet to Print factorial of entered number.	07
	બ	લખો JDBC program to update name = 'abc' into table T1(Enroll,Name,SPI) whose Enroll= 101	07
