## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-VIII • EXAMINATION - WINTER • 2014** 

Sub	ject	Code: 181605 Date: 25/11/201	14
Subj	ject	Name: Service Oriented Computing	
Tim	e:02	2:30 pm - 05:00 pm Total Marks	s: 70
Inst	ruc	tions:	
	1.	Attempt all questions.	
	2.	Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	Define Web Service. Explain architecture model of Web Service.	07
	<b>(b)</b>	Compare architecture of J2EE and .NET.	07
Q.2	(a)	What are the benefits of Service Oriented Computing? Discuss	07
	(I-)	Autonomy, Dynamism and Heterogeneity in Open Environments.	07
	<b>(b)</b>		07
		OR	
	<b>(b)</b>	which contains company name, location (such as city and state), annual salary, type (permanent or internship), degree requirements (BE, ME, or	07
		PhD), and years of experience required.	
Q.3	(a)	What is modelling? Describe various dimensions of abstraction in brief.	07
	<b>(b)</b>		07
		OR	
	(a)	Prepare OWL document for a travel agency. Use following concepts.  Enumerations, Restrictions, Boolean expressions	07
	<b>(b)</b>	•	07
Q.4	(a)	Explain registry access with UDDI.	07
	<b>(b)</b>	Compare following terms:	07
		<ul><li>(1) Interoperation Vs. Integration</li><li>(2) RPC Vs. Document Orientation</li></ul>	
		OR	
	(a)	_	07
	<b>(b)</b>	Language.  Discuss role of Business process languages.	07
	(10)	Discuss fole of Business process languages.	07
Q.5	(a)	•	07
	<b>(b)</b>		07
		OR	
	(a)	· · · · · · · · · · · · · · · · · · ·	07
	<b>(b)</b>	Explain significance of WSDL with its major elements.	07

\*\*\*\*\*