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Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE – SEMESTER – VIII.EXAMINATION – WINTER 2016

	Subject	Code: 181605 Date: 22/10/2016	
7	Γime: 0	Name: Service Oriented Computing (Department Elective - II) 2:30 PM to 05:00 PM Total Marks: 70	
I	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Explain Correspondences between a WSDL document and a UDDI registration document. Explain J2EE Architecture with suitable diagram.	07
Q.2	(a) (b)	Discuss challenges for composition in detail. Explain two phase commit method to ensure atomicity over distributed transactions.	07 07
	(b)	OR Explain Contract Net Protocol in detail.	07
Q.3	(a) (b)	Explain OWL-S in detail with suitable diagram Explain elements of service oriented architecture. OR	07 07
Q.3	(a) (b)	Write a short note on RDF Explain .NET Framework with suitable diagram	07 07
Q.4	(a) (b)	Write a short note on SOAP. Explain Business Process Languages in detail. OR	07 07
Q.4	(a) (b)	Short note on Business Transaction protocol. Explain RPC Versus Document Orientation in detail.	07 07
Q.5	(a) (b)	Write short note on WSCL. Discuss Life Cycle Management for Agents and Multi - agent Systems. OR	07 07
Q.5	(a) (b)	Discuss CORBA in detail Differentiate integration versus interoperation.	07 07
