	Enrollm	ent No:						
		C.U	J .SHAH	UNIVERSIT	\mathbf{Y}			
	Winter Examination-2018							
	Subject Name : Service Oriented Computing							
	Subject	Code: 4TE07SO	C1	Branch: B.Tech (CE, IT)			
	Semester	r: 7 Date	: 27/11/2018	Time: 10:30 To 1:30	Marks: 70			
	(1) (2) (3) (4)	Use of Program Instructions wri Draw neat diagr	tten on main ansv	& any other electronic instruver book are strictly to be obeing if necessary) at right places.	-			
Q-1	-1 Attempt the following questions.					(14		
	a.			tocol B) Simple Objec rotocol D) Simple (t Access Protocol Object Adaptive			
	b.	· ·		World-Wide Web Consorti None of these	um			
	c.			B) Web Service Interfactions of theses	ce			
	d.	B) no longer ne C) used to direct	en validating XN cessary after the t conversion using to populating a					
	e.	A) <xsl:templat B) <xsl:templat< td=""><td>ot node in XSLT e match="Documents match="Root" e match="RootN</td><td>>></td><td>be</td><td></td></xsl:templat<></xsl:templat 	ot node in XSLT e match="Documents match="Root" e match="RootN	>>	be			

- D) <xsl:template match="/">
- f. OMG stands for:
 - A) Object Management Group B) Of Management Group D) None of these B) Object Model Group C) Oracle



DOM stands for g. A) Document Object Method B) Document Object Model C) Discrete Object Model D) Discrete Object Method UDDI stands for h. A) Universal Data Dictionary Interface B) Universal Description, Discovery, and Integration C) Universal Description, Discovery, and D) Universal Directory, Discovery, and Interface Interface XSLT processors accept as input: A. an XML conforming document file and an XSLT specification file B. only an XML document C. only an XSLT specification D. either an XML document or an XSLT specification SIP stands for j. A) Simple Interface Protocol B) Session Initiation Protocol C) Session interface protocol D) Simple Initiation Protocol **RDF** Stands for A) Resource Discovery Framework B) Resource Description Framework C) Resource Discovery Format D) Resource Description Format 1. Open Environment requires A) Autonomy only B) Heterogeneity only C) Dynamism only D) All mentioned in a,b,c m. What does DTD stand for? A) Direct Type Definition B) Document Type Definition C) Document The Definition D) Dynamic Type Definition CORBA stands for A) Common Object Request Broker Architecture B) Common Object Request Broker Association C) Common Object Resource Broker Architecture D) Common Object Request Broker Association Attempt all the questions. **(14)** Write a short note on followings:

Attempt any four questions from Q-2 to Q-8

Q-2

- a)
 - Autonomy ii) Heterogeneity i) iii) Dynamism
- Discuss architectural similarities between .Net & J2EE with diagram. b)

Q-3 Attempt all the questions.

(14)

- What are RESTful services? Compare SOAP based with. RESTful Web a) Service.
- What is SOAP? Explain SOAP request-response for Attendance b) Management System, given enrollment number and department name, it



Q-4		Attempt all the questions.	(14)			
	a)	Develop XML document representing library resources like book, cd, magazine and validate through XML Schema.				
	b)	What is Model Driven Architecture? Explain in detail Integration Vs Interoperation.				
Q-5		Attempt all the questions.	(14)			
	a)	What is importance of Directory Services? What is role of UDDI?				
	b)	Define Web Service. Explain importance of WSDL with detailed structure.				
Q-6		Attempt all the questions.				
	a)	What is Ontology and OWL? How is OWL Different than RDF?				
	b)	Explain following four types of classification schemes for Knowledge Representations. i. Keywords ii. Thesauri iii. Taxonomies				
Q-7		Attempt all the questions.	(14)			
	a)	Explain Two Phase Commit Protocol in detail.				
	b)	Write a short note on WSCL.				
Q-8		Attempt all questions	(14)			
	a)	What is significance of CORBA in distributed computing?				
	b)	Explain different P2P Models. Also compare P2P with Client Server Model.				

