## Paper / Subject Code: 82906 / Web Services

	(2 ½ Hot	ırs)	[Total Marks	: 75]
) All questions are some	ulcory			
3. 1) All questions are comp	3 350			
2) Figures to the right ind	1		1	
3) Illustrations, in-depth a			reciated.	
4) Mixing of sub-question	ns is not allowe	ed.		
	a terretar			
1 Attempt All	TANCE :			
Multiple Choice Question	ons.			(10M)
•		actually transporti	ng XMLmessages	
between two computers.				
a) Service Protocol		b) Service Mo	essaging	
c) Service Transport		d) Service De		
**		g	•	
2) is an XM	IL-based stand	lard for describing	g, publishing, and	
finding web services.		e i qui de la companya de la company	<i>J</i> , 1 <i>G</i> ,	
a) SOAP		b) HTTP		
c) WSDL		d) UDDI		
3) The basic Web Serv	vices platform	is combination o	f and	
•	Ä j			
a) CSS + HTTP		b) XML + H'		
c) XML + HTTP		d) CSS + JA	VA	
4) CO A D :				
4) SOAP is	iva Protocal	h) Commis Ohioo	t Annan Duntanal	
<ul><li>a) Simple Object Acti</li><li>c) Sample Object Act</li></ul>			t Access Protocol	
c) Sample Object Act	ive Protocor	d) Simple Object	Access Protocol	
5) Which of the followin	a is not a valid	UTTD moth od usa	dia DECTEd with	
5) Which of the followin services?	g is not a vanu	mi ir memod use	d in RESTIUI web	
a) OPTIONS		b) DATE		
		b) DATE		
c) GET		d) POST		
6) Which of the followin	a annotation of	FIANDO ADI:		
6) Which of the followin method to get the relative				
method to get the relative	pain of the res	ource class/memoc	1.	
a) @Path		b) @GET		
c) @PUT		d) @POST		
0) 60101		a) w1 001		
7) URI Stands for		у н		
a) Unit Resource Ide	ntifier	 b) Uniform Repres	entation Identifier	
c) Uniform Resource		d) Unified Resource		

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	8) Which contract supports Transaction Flow?	
	a) Service b) Operation	
	c) Message d) Data	
	9) WCF services can communicate with	
	a) All programming languages.	
	b) XML.	
	c) only the languages included with Visual Studio .NET.	
	d) multiple platforms and multiple languages.	
	10) Which one is not a class in WCF?	
	a) BasicHttpBinding	
	b) BasicHttpContextBinding	
	c) BasicHttpsBinding	
	d) ClientBinding	
		( <b>**</b> ******
(b)	Fill in the blanks (HTTP, Two, 200, Elements & Attribute, Envelop &	(5M)
	Header, TCP/IP, One, Stub, 300)	
	i. XML Schema Consist of	
	ii. RPC provides a on the client side, a separate one for each remote procedure.	
	iiiprotocol is used by RESTful web services as a	
	medium of communication between client and server.	
	HTTP Status code means OK, shows success.	
	v. The default WCF Request Send/Receive timeout is min(s).	
		(15M)
Q. 2	Attempt the following (Any THREE)	(15M)
(a)	Explain the characteristics of Web Services.	
(b)	Explain SOAP web Service in detail.	
(c)	Describe the structure of WSDL document.	
(d)	What is the Enterprise Service Bus and how does it relate to SOA?	
(e)	What is JAX-WS? How it is useful for describing SOAP web services?	
(f)	Explain XML Document structure with example.	
		(4.53.50
Q. 3	Attempt the following (Any THREE)	(15M)
(a)	List and explain the various Http methods required for creating	
	RESTful Web Services.	
(b)	Explain annotations used in RESTful web service.	
(c)	List and explain any five JAVA frameworks for building RESTful web	
	services.	
(d)	Describe the core constraint of RESTful system.	
(e)	Explain the characteristics required for Good Resource	
7.00	Representation. Write a short note of JSON object and JSON array.	
(f)	write a short note of Joort object and to or the say	

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Q. 4	Attempt the following (Any THREE)	(15M)
(a)	What is Windows Communication Foundation (WCF)? Explain the Features	
	of WCF in detail.	
(b)	Write a note on Quality of Service (QoS) for Webservices.	
(c)	Giving example, explain how to define a Windows Communication Foundation Service Contract.	
(d)	Describe Windows Communication Foundation Architecture in	
	Detail.	
(e)	What do you mean by Operation Contract? Explain in detail.	
(f)	Explain different tasks that are required to build a WCF application	
Q. 5	Attempt the following (Any FIVE)	(15M)
(a)	Write a short note on the Client-Server model.	
(b)	What is the use of XML schema?	
(c)	Write about the characteristics of Inter-process communication in brief.	
(d)	Write a note on HTTP basic authentication.	
(e)	What is Swagger?	
(f)	List the advantages and disadvantages of Statelessness.	
(g)	What are WCF's ABC?	
(h)	Write about Endpoint in WCF.	