Class: [] CSE 445	[] CSE 598	Name (Print):
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CSE445/598 Distributed Software Development Quiz 1

This is an open book and open notes test. Choose one answer only in each question, unless otherwise specified. There are 20 points available. The time allowed is 20 minutes.

1	Which of the followings belong to software arc [] Blackboard architecture [] Client-server architecture	tecture? Select all that apply. [] SOAP over HTTP architecture [] Pipe and filter architecture				
2	Multi tenancy is a key concept in (A) client-server systems (C) cloud computing	(B) federation of servers(D) virtualization of servers				
3	Which of the followings belong to fallacies of distributed computing? Select all that apply. [] Network is based on object-oriented computing. [] The network is reliable. [] Network is the bottle-neck of distributed computing. [] Bandwidth is infinite.					
4	What system is truly based on a vendor-indeper (A) CORBA (C) Enterprise Service Bus (ESB)	lent standard? (B) DCOM (D) J2EE				
5	What is the key difference between object-ories (A) Static binding vs. dynamic binding (C) CORBA vs. ESB	ed and service-oriented development cycles? (B) Java vs. C# (D) One cycle vs. three parallel cycles				
6	What computing paradigm best supports distrib (A) functional computing (C) distributed object computing	ed development of software? (B) object-oriented computing (D) service-oriented computing				
7	What is the standard language in CORBA used (A) HTML (B) IDL	d for defining the interface between distributed objects (C) Java (D) WSDL				
8	Where does the database normally reside in a fa (A) in the client layer (C) in a separate data management layer	lient (of client-server) architecture? (B) in the server layer (D) the architecture does not support database.				
9	In service-oriented computing, the building blo (A) always stored in a service broker. (C) loosely coupled	s of software systems are services, which are (B) always developed by the application builder. (D) accessed by remote procedure calls				

10	In Distributed Object Architecture, what component is called the software bus?						
	(A) a pair of distributed objects		` ′	(B) communication protocols SOAP/HTTP			
	(C) Enterprise Service Bus (ESB)		(D) Object Reques	(D) Object Request Broker			
11	Java Enterprise Edition (Java EE) applications are based on a 4-tier architecture, which includes (Select all that apply):						
	[] Client tier	[] Business tier	[] Ontology tier	[] SOAP	tier		
12	What communication protocol is used for accessing RESTful services?						
	(A) SOAP	(B) IP	(C) WSDL	(D) UDDI	(E) HTTP		
13	What communication protocol is directly used by the WSDL Web services for transferring data?						
	(A) SOAP	(B) IP	(C) ebXML	(D) UDDI	(E) HTTP		
14	If you want to create a standard service broker with both service directory and service repository, what standard should be used?						
	(A) ebXML	(B) SOAP	(C) XML	(D) UDDI	(E) WSDL		
15	What protocol in the Web services protocol stack is normally in the layer directly below the SOAP protocol?						
	(A) HTML	(B) HTTP	(C) TCP	(D) UDP	(E) WSDL		
16	If you write a program to search a UDDI service broker, what UDDI pages do you search?						
	(A) White Pages	(B) Yellow Pages	(C) Green Pages	(D) Blue Pa	ges		
17	Service-oriented software development achieves the platform-independent computing by						
	(A) integrating service code into the application.		on. (B) creating service	(B) creating service proxies in the application.			
	(C) migrating service co	ode to application site.	(D) using the same	(D) using the same language for all parts.			
18	A design pattern is a						
	(A) software pattern		` ′	(B) architectural pattern			
	(C) computing pattern (D) all of the above						
19	The process of application building in SOA style includes (Select all that apply)						
	[] developing the code of each service						
	[] code-level assembling and binding of components[] process level specification						
	[] defining the WSDL interfaces of services						
20							
20	What statements best describe the architecture-driven approach? Select all that apply. [] top-down approach [] separate architecture design from coding						
	[] Bottom-up approach [] derive the executable directly from the architecture design						