

Final Exam Graded Quiz • 30 min

Final Exam

points	

1.	Marlon is creating a web page. It's a simple page, which has a list of his current projects, a short bio about himself, and some GIF images of some of those same projects that he uploaded to the server himself. What type of web page is this?	1 point
	O dynamic web page	
	O web app	
	static web page	
	O web service	
2.	Which of these examples is a web application ?	1 point
	O online poker	
	a website conducting a survey	
	an online shopping platform	
	O a blog	
3.	Which of these formats can be used to express and structure content to be sent over the internet? Choose the three correct answers:	1 point
	✓ HTML	
	□ css	
	✓ XML	
	✓ JSON	
4.	What are the essential parts of an HTTP request? Choose the three correct answers.	1 point
	a message body	
	✓ request-line	
	✓ a blank space	
	✓ headers	
5.	Which of these are essential parts of an HTTP server response? Choose the two correct answers.	1 point
	response-line	
	✓ headers	

	✓ status-line □ a message body	
6.	Consider the following two statements about Javascript. Choose the one correct option.	1 point
	1. It can allow you to generate content within the browser	
	2. A Javascript file must be sent in addition to an HTML file	
	Only the first statement is true	
	Only the second statement is true	
	O Both statements are true	
	O Neither statement is true	
7.	What is the term for the action that converts the parameters into a standardized message on the client side?	1 point
	O binding	
	O blocking	
	marshalling	
	O invocation	
8.	Consider the following two statements about middleware and RPC. Choose the one correct option.	1 point
	1. RPC (Remote Procedure Call) is a form of middleware	
	2. The IDL (Interface Definition Language) is responsible for generating stubs	
	Only the first statement is true	
	Only the second statement is true	
	Both statements are true	
	O Neither statement is true	
9.	Which of these can be found in Common Object Request Broker Architecture (CORBA)? Choose the three correct answers.	1 point
	✓ interface definition language	
	client and server stubs	
	✓ facilities	
	✓ object request broker	
10.	, What are some disadvantages of CORBA? Choose the two correct answers.	1 point

1 point

ı	~	Objects are always called remotely	
1		Clients and servers must be implemented in the same language	
1		Dynamic binding is impossible	
	~	Implementation is difficult	
11.	In w	hat format are SOAP messages represented?	1 point
(•	XML	
(0	HTML	
(0	JSON	
(0	SOAP formatting is not based on any other format	
12.	Whi	ch part of a SOAP message can be included but is NOT required?	1 point
(•	header	
(0	HTTP method	
(0	envelope	
(0	body	
13.	True	e or False: a SOAP message must be sent over HTTP.	1 point
(0	True	
(•	False	
14.	Whi	ch type of description will a service requester need to bind to a web service?	1 point
(0	UDDI	
(0	WS-Description WS-Description	
(0	SOAP	
(•	WSDL	
15.	Whi	ch section of WSDL 2.0 contains concrete information like physical ports and mapping interfaces to endpoints?	1 point
(0	bindings	
(0	portTypes	
(0	interfaces	
- (services	

16. What does the types section of a WSDL 2.0 document allow developers to do?	1 point
Define abstract data types	
Specify document-style or RPC-style interaction	
Specify which communications protocol is used (HTTP, SMTP)	
O Specifies the type of interaction (request-response, solicit-response)	
17. Which aspects of web services does UDDI allow you to implement? Choose the two correct answers.	1 point
invocation invocation	
✓ publication	
✓ discovery	
composition	
18. In which section of a UDDI description will you find information like the category of business and service?	1 point
yellow pages	
O blue pages	
○ white pages	
○ green pages	
19. Under which data structure of UDDI will you find a reference to the WSDL description?	1 point
○ serviceInterface	
businessEntity	
O businessService	
tModel	
20. What is the difference between coordination and composition in the context of services?	1 point
ocoordination is focused on pairwise interactions	
o composition exposes a combination of services as another service	
omposition uses only objects	
ocoordination can only be done in a synchronous way	

1 point

21. Consider the following two statements. Choose the one correct option.

	1. V	. WS-BPEL only allows you to compose services out of basic services.		
	2. V	/S-BPEL has other features such as conditional logic and the ability to store state.		
	0	Only the first statement is true		
	•	Only the second statement is true		
	0	Both statements are true		
	0	Both statements are false		
22.	, Wha	at does it mean that RESTful services are cacheable?	1 point	
	0	the service logic can be stored on the client		
	0	the server can store the state of the Interaction		
	0	the server can queue and prioritize requests		
	•	the client can store a version of the server's response		
23.	, Whi	ich of these formats can be used within the invocation of a REST service? Choose the three correct answers.	1 point	
	~	JSON		
	~	simple text		
	П	WSDL		
	~	XML		
24.	, Whi	ch of these is a good name for a REST resource? In other words, which of these resource names follow best practices? Choose the two correct answers.	1 point	
		/cars/2		
	_			
		/getCar/2		
		/car/2		
	~	/cars/2/tires		
25.	you sen	received an HTTP status code 201 from the server, which means that a resource was created. In a well-designed REST service, which HTTP methods did you d to the server?	1 point	
	\circ	GET		
	()	POST		
	0	DELETE		
	0	PUT		

	Content-Encoding:	
	Content-Type:	
	O Host	
	Accept:	
27	, What is the most important difference between WS*-style web services (which utilize SOAP, WSDL, etc.) and RESTful web services?	1 point
	RESTful services are simpler	
	Their differences are very minor	
	○ WS* are more secure	
	They do not use the same transfer protocol	
28	Where are the formats of the input and output data specified, according to REST best practices?	1 point
	In the HTTP header	
	As parameters in the URL	
	O In the HTTP request in JSON format	
	O In the HTTP request in XML format	
29	, What are some advantages of microservices architecture? Select the two correct answers.	1 point
	No centralized management	
	✓ Scaling through replication	
	Good performance	
	Services can be developed in different languages	
30	, Consider the following two statements about microservices architecture. Choose the one correct option.	1 point
	Communication between microservices is stateless Testing microservice architecture is complex	
	Only the first statement is true.	
	Only the second statement is true	
	Both statements are true Neither statement is true	
	O realist statement black	