Final Exam

Total points 30

| 1. | Marion 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 |
|----|---|---------|
| | ○ dynamic web page | |
| | static web page | |
| | ○ web service | |
| | ○ web app | |
| | | |
| 2. | Which of these examples is a web application ? | 1 point |
| | | |
| | O a blog | |
| | O online poker | |
| | an online shopping platform | |
| | a website conducting a survey | |
| | | |
| 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 | |
| | judit. | |
| | What are the essential parts of an HTTP request? Choose the three correct answers. | |
| ٠. | | 1 point |
| | request-line | |
| | ☑ a blank space | |
| | headers | |
| | a message body | |
| | | |
| 5. | Which of these are essential parts of an HTTP server response? Choose the two correct answers. | 1 point |
| | response-line | |
| | a message body | |
| | ☑ headers | |
| | ▼ status-line | |
| | | |
| 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 | |
| | | |
| | Both statements are true | |
| | Neither statement is true | |
| _ | What is the term for the action that connecte the payments like a translanding discussion on the allowance. | |
| 7. | What is the term for the action that converts the parameters into a standardized message on the client side? | 1 point |
| | marshalling | |
| | ○ binding | |
| | Oblocking | |

| O invocation | |
|---|---------|
| | |
| Consider the following two statements about middleware and RPC. Choose the one correct option. In DPC (Percent Procedure Cally to a form of middleware). | 1 point |
| RPC (Remote Procedure Call) is a form of middleware 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 | |
| Neither statement is true | |
| | |
| Which of these can be found in Common Object Request Broker Architecture (CORBA)? Choose the three correct answers. | 1 point |
| dient and server stubs | |
| ☐ facilities | |
| ✓ object request broker | |
| ✓ Interface definition language | |
| | |
| 10. What are some disadvantages of CORBA? Choose the two correct answers. | 1 point |
| ✓ Objects are always called remotely | |
| ✓ Implementation is difficult | |
| Dynamic binding is impossible | |
| Clients and servers must be implemented in the same language | |
| | |
| 11. In what format are SOAP messages represented? | 1 point |
| ○ Izon | |
| O HTML | |
| XML | |
| SOAP formatting is not based on any other format | |
| | |
| 12, Which part of a SOAP message can be included but is NOT required? | 1 point |
| header | |
| ○ HTTP method | |
| ○ body | |
| envelope | |
| | |
| 13, True or False: a SOAP message must be sent over HTTP. | 1 point |
| True | |
| ○ False | |
| | |
| 14. Which type of description will a service requester need to bind to a web service? | 1 point |
| ○ WS-Description | |
| OUDDI | |
| WSDL | |
| ○ SOAP | |
| | |
| 15, Which section of WSDL 2.0 contains concrete information like physical ports and mapping interfaces to endpoints? | 1 point |
| O interfaces | |
| bindings | |
| | |

| 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) | |
| 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 | |
| publication | |
| ✓ discovery | |
| composition | |
| | |
| 18. In which section of a UDDI description will you find information like the category of business and service? | 1 point |
| white pages | |
| O blue pages | |
| ogreen pages | |
| yellow pages | |
| | |
| 19. Under which data structure of UDDI will you find a reference to the WSDL description? | 1 point |
| businessEntity | |
| tModel | |
| o serviceInterface | |
| ○ businessService | |
| 20. What is the difference between coordination and composition in the context of services? | |
| | 1 point |
| ocoordination is focused on pairwise interactions | |
| composition exposes a combination of services as another service | |
| composition uses only objects | |
| coordination can only be done in a synchronous way | |
| 21. Consider the following two statements. Choose the one correct option. | 1 point |
| NS-BPEL only allows you to compose services out of basic services. | 1 point |
| 2. WS-BPEL has other features such as conditional logic and the ability to store state. | |
| Only the first statement is true | |
| Only the second statement is true | |
| O Both statements are true | |
| O Both statements are false | |
| | |
| 22. What does it mean that RESTful services are cacheable? | 1 point |
| the service logic can be stored on the client | |
| the server can store the state of the interaction | |
| the client can store a version of the server's response | |
| the server can queue and prioritize requests | |
| | |

O portTypes

| - | |
|---|---------|
| □ WSDL | |
| ✓ XML | |
| ✓ ISON | |
| | |
| 24. Which 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/tires | |
| getCar/2 | |
| /car/2 | |
| ✓ /cars/2 | |
| | |
| 25. You 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 send to the server? | 1 point |
| O DELETE | |
| O PUT | |
| ○ GET | |
| POST | |
| | |
| 26. Which of these elements in the HTTP header of a request specifies the format of the response? | 1 point |
| Ocontent-Type: | |
| ○ Host | |
| Ocontent-Encoding: | |
| 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 | |
| | |
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O Both statements are true

Neither statement is true

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