Dashboard 〉 My courses 〉 SPT 2024 〉 5 March - 11 March 〉 Quiz#1

Started on	Friday, 8 March 2024, 2:56 PM
State	Finished
Completed on	Friday, 8 March 2024, 3:21 PM
Time taken	25 mins
Grade	**100.00** out of 100.00

Question **1**

Complete

Mark 5.00 out of 5.00

The followings are four REST Operations, except:

a. DELETE

b. POST

c. GET

d. UPDATE

e. PUT

Question **2**

Complete

Mark 5.00 out of 5.00

The order of creating socket on the client side:

a. Socket --&amp;gt;connect --&amp;gt;send --&amp;gt;recv --&amp;gt;close

b. Socket --&amp;gt; listen --&amp;gt;accept --&amp;gt;bind --&amp;gt;send --&amp;gt;recv --&amp;gt;close

c. Socket --&amp;gt; bind --&amp;gt;recv --&amp;gt;send --&amp;gt;close

d. Socket --&amp;gt; connect --&amp;gt;recv --&amp;gt;send --&amp;gt;close

e. Socket --&amp;gt;bind --&amp;gt;send --&amp;gt;recv --&amp;gt;close

Question **3**

Complete

Mark 5.00 out of 5.00

In REST architecture, which of the following is a way to transfer the states:

a. In the header

b. In the email attachment

c. In the footer

d. In Javascript file

e. In the body as an XML format

Question **4**

Complete

Mark 5.00 out of 5.00

Simultaneous use of more than one processor to solve a problem, is called:

a. Parallel Computing

b. Multitasking

c. Hybrid Computing

d. Concurrency

e. Distributed Computing

Question **5**

Complete

Mark 5.00 out of 5.00

Which of the followings is not a communication method?

a. Remote Object Calls

b. Message oriented communication

c. Stream oriented communication

d. Remote Method Invocation (RMI)

e. Remote Procedure Calls (RPC)

Question **6**

Complete

Mark 5.00 out of 5.00

Which of the followings is true about event-based coordination:

a. processes communicate entirely through tuples

b. processes do not know each other explicitly

c. no need for two communicating processes to be executing at the same time

d. processes communicate through network

e. coordination takes place in a direct way

Question **7**

Complete

Mark 5.00 out of 5.00

The services communicate with each other internally _____

a. SSH

b. Messaging

c. Email

d. Both Messaging and Remote Procedure invocation

e. Remote Procedure invocation

Question **8**

Complete

Mark 5.00 out of 5.00

The separation between interfaces and the objects implementing these interfaces allows us to place an interface at one machine, while the object itself resides on another machine. This is commonly referred to as:

a. Distributed data

b. Distributed component

c. Distributed object

d. Distributed interface

e. Distributed service

Question **9**

Complete

Mark 5.00 out of 5.00

Which one of the following is note the Microservices principles?

a. CI/CD

b. Separate processes

c. UI/UX

d. Execution Scope

e. One job

Question **10**

Complete

Mark 5.00 out of 5.00

In midlleware organization, the interfaces offered by the legacy component are most likely not suitable for all application. This problem could be solved by:

a. Wrapper

b. RPC

c. Interceptor

d. API

e. Re-develop the legacy component

Question **11**

Complete

Mark 5.00 out of 5.00

Simultaneous use of more than one computer to solve a problem is called:

a. Parallel Computing

b. Concurrency

c. Distributed Computing

d. Multitasking

e. Hybrid Computing

Question **12**

Complete

Mark 5.00 out of 5.00

Three levels of application layering are:

a. Client, front-end and back-end

b. Application-interface, processing, data

c. Browser, web engine, database engine

d. User and kernel

e. Model, view, controller

Question **13**

Complete

Mark 5.00 out of 5.00

In structured naming system, repeatedly contact hierarchy of nodes to resolve parts of the name is called:

a. Absolute name resolution

b. Hierarchical name resolution

c. Iterative name resolution

d. Recursive name resolution

e. Relative name resolution

Question **14**

Complete

Mark 5.00 out of 5.00

Which one of the followings often referred to as a skeleton?

a. Client-side stub

b. Database-site stub

c. Middleware-site stub

d. Proxy-site stub

e. Server-side stub

Question **15**

Complete

Mark 5.00 out of 5.00

One of the advantages of using distributed memory compared to shared memory is:

a. not scalable

b. easy to share data

c. writing the code harder

d. Processors can access their own memory in isolation without worrying about race conditions

e. expensive to assemble

Question **16**

Complete

Mark 5.00 out of 5.00

A network in which the nodes are formed by the processes and the links represent the possible communication channels, is called:

a. Hierarchical network

b. Overstay network

c. Peer-to-peer network

d. Overlay network

e. Mesh network

Question **17**

Complete

Mark 5.00 out of 5.00

The followings are the best practices to design microservices, except:

a. Treat servers as stateful

b. Keep code at a similar level of maturity

c. Separate build of microservice

d. Separate data store for each microservices

e. Deploy into containers

Question **18**

Complete

Mark 5.00 out of 5.00

An API is _ _ _ _ _

a. an interface which works between two independent SOAs allowing them to communicate

b. an interface which works for the user access.

c. an interface which works between two independent applications allowing them to communicate

d. a sub component of an application that works independently

e. a service which exposes the functionality of an architecture to a minimum of two applications

Question **19**

Complete

Mark 5.00 out of 5.00

What provides two way communication between two different programs in a network?

a. Library

b. Protocol

c. Socket

d. Http

e. Port

Question **20**

Complete

Mark 5.00 out of 5.00

Which type of communications where the sender and the receiver must be active at the time of communication?

a. Synchronous Communication

b. Transient Communication

c. Asynchronous Communication

d. Persistent communication

e. Two ways Communication

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