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Grade	**95.00** out of 100.00

Question **1**

Complete

Mark 5.00 out of 5.00

When any single application function or component fails, then the entire application goes down. (Single point of failure) This is primary disadvantage of _____

a. RabbitMQ

b. RPC

c. Microservices

d. Monolithic

e. RMI

Question **2**

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. Overstay network

b. Peer-to-peer network

c. Mesh network

d. Hierarchical network

e. Overlay network

Question **3**

Complete

Mark 5.00 out of 5.00

Message broker can do the the followings, except:

a. divide the publisher and consumer.

b. route messages.

c. Improve the transfer speed.

d. check and organize messages.

e. store the messages.

Question **4**

Complete

Mark 5.00 out of 5.00

The followings are four REST Operations, except:

a. DELETE

b. GET

c. UPDATE

d. POST

e. PUT

Question **5**

Complete

Mark 5.00 out of 5.00

Microservices based architecture prefers _ _ _ _ _ _ _

a. No dependency on any particular DB

b. NoSQL DBs

c. RDBMS DBs

d. MongoDB

e. MySQL DB

Question **6**

Complete

Mark 5.00 out of 5.00

External clients communicate with Microservices using _____

a. Message Broker

b. API PROXY

c. Messaging

d. API GATEWAY

e. API

Question **7**

Complete

Mark 5.00 out of 5.00

Which one of the following is not the important style of distributed system architecture?

a. Event-based architectures

b. Network-based architectures

c. Layered architectures

d. Resource-based architectures

e. Object-based architectures

Question **8**

Complete

Mark 5.00 out of 5.00

Methods in finding objects that move in flat name spaces:

a. Home-based &amp;amp; Walk-on

b. Forwarding pointers &amp;amp; Broadcasting

c. Home-based &amp;amp; Mobile IP

d. Forwarding pointers &amp;amp; Home-based

e. Broadcasting &amp;amp; Mobile IP

Question **9**

Complete

Mark 5.00 out of 5.00

Fundamental Tricotomy in naming system are:

a. Root, Top level, Domain

b. DNS, DHCP, ARP

c. HTTP, TCP, IP

d. Location, Addresses, Routes

e. Names, Addresses, Routes

Question **10**

Complete

Mark 5.00 out of 5.00

Centralized component that takes care of application heterogeneity in a message communication system is:

a. Message transfer

b. Message queue

c. Message broker

d. Message passing

e. Message oriented communication

Question **11**

Complete

Mark 5.00 out of 5.00

Which one of the following coordinations is temporally decoupled, but referentially coupled:

a. Event-based

b. Shared data space

c. Mailbox

d. Direct

e. Periodically

Question **12**

Complete

Mark 5.00 out of 5.00

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

a. writing the code harder

b. easy to share data

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

d. not scalable

e. expensive to assemble

Question **13**

Complete

Mark 5.00 out of 5.00

The services communicate with each other internally _____

a. Remote Procedure invocation

b. SSH

c. Messaging

d. Both Messaging and Remote Procedure invocation

e. Email

Question **14**

Complete

Mark 5.00 out of 5.00

In publish-subscribe architectures, the followings are the forms of coordination, except:

a. Mailbox

b. Shared data space

c. Direct

d. Periodically

e. Event-based

Question **15**

Complete

Mark 5.00 out of 5.00

Which consistency model where all processes must see all shared accesses in the same order and accesses are furthermore ordered according to a global timestamp?

a. Linearizability

b. Strict Consistency

c. Data-Centric Consistency

d. Causal consistency

e. Sequential Consistency

Question **16**

Complete

Mark 5.00 out of 5.00

What is XML used for?

a. XML is used to secure data in a database

b. XML is used to encode data in a database

c. XML is used to transfer data from one place to another often over the Internet

d. XML is used to call remote process from one place to another often over the Internet

e. XML is used to pass parameter from a client to another client

Question **17**

Complete

Mark 5.00 out of 5.00

In structured naming system, contacting your local name space and let it walk the hierarchy is called:

a. Hierarchical name resolution

b. Absolute name resolution

c. Recursive name resolution

d. Relative name resolution

e. Iterative name resolution

Question **18**

Complete

Mark 5.00 out of 5.00

An API is _ _ _ _ _

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

b. a sub component of an application that works independently

c. an interface which works for the user access.

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

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

Question **19**

Complete

Mark 0.00 out of 5.00

Which architecture styles organize components in a layered fashion?

a. Layered architectures

b. Object-based architectures

c. Resource-based architectures

d. Network-based architectures

e. Event-based architectures

Question **20**

Complete

Mark 5.00 out of 5.00

Skype network is an example of :

a. Unstructured Peer-to-Peer Systems

b. Hierarchical Peer-to-Peer Systems

c. Hierarchically Organized Peer-to-Peer Networks

d. Collaborative distributed systems

e. Structured peer-to-peer systems

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