

Service-Oriented Architecture

Review

Quiz: Module 1 Review

12 questions

Module 1 Review

Total points 12

Module 1 Review

Quiz • 30 min

1.

1 point

You are probably using the Internet to do some of your personal banking. There is a page that shows your accounts and their balances. This page is often called an "Account Summary" or "Account Overview." You must click on an account to begin managing it. Which type of web page is this?

☐

web app

Receive grade

To Pass 70% or higher

☐

static web page

☒

Like

Dislike

Report an issue

dynamic web page

☐

web service

Your grade

-

Resume assignment

2.

1 point

Another web page allows interacting with a spreadsheet in a browser. You can enter in values, sum them up, perform operations on them, format them, etc. What type of web page is this?

☐

web service

☒

web app

☐

static web page

☐

dynamic web page

3.

1 point

Consider the two statements. Choose the one correct option.

1. JSON is a markup language

2. JSON can easily be converted into a javascript object

☒

Only the second statement is correct

☐

Neither statement is correct

☐

Both statements are correct

☐

Only the first statement is correct

4.

1 point

Which of these is **NOT** a basic standard of the World Wide Web?

☐

URL

☒

FTP

☐

TCP

☐

HTTP

5.

1 point

There is an HTTP method that allows you to send, create or update a resource, but allows the server to decide its location and identity. Which HTTP method is this?

☐

POST

☒

PUT

☐

SEND

☐

GET

6.

1 point

Which of these is often used to add dynamic content to a web page?

☐

CSS

☐

HTML DOM

☒

Javascript

☐

HTML

7.

1 point

What are the three high-level components involved in a remote procedural call?

☐

IDL, source code, IDL compiler, interface headers

☐

client stub, compiler, server stub

☐

marshal, client, server

☒

client, server, interface definition language

8.

1 point

The process of establishing a connection between the client stub and server stub is called...

☐

handshaking

☐

marshalling

☒

binding

☐

interfacing

9.

1 point

What are the advantages of Common Object Request Broker Architecture (CORBA)? Choose the **two correct** answers.

☐

Dynamic binding is simple

☒

Objects are essentially independent of their physical or virtual location.

☐

Method calls can be treated locally or remotely

☒

It allows for object-oriented paradigms in distributed computing

10.

1 point

Which of these are desirable characteristics of a web service? Select **the three correct** answers.

☒

platform-independent

☒

modular

☒

composable

☐

simple

11.

1 point

Which of these responsibilities does the client stub have in a middleware-based architecture that uses RPC? Choose the **three correct** answers.

☒

Formatting and encoding data into standardized messages

☐

Invoking the server application directly

☒

Invoking the remote procedure call over the network

☒

Establishing a connection with the server

12.

1 point

What is the main difference between a web service and a web application?

☐

Web services are simpler

☐

Web applications dynamically generate content

☒

Web applications are presented through a browser