

Q. Why RESTful web services are easier to work with?

- 1). **RESTful web services are easier to work with, as resources can be identified by URIs.**
- 2). RESTful web services are easier to work with, as resources cannot be accessed via HTTP
- 3). RESTful web services are easier to work with, as resources can be accessed via SOAP
- 4). RESTful web services are easier to work with, as resources can be accessed by user-defined messaging formats

Solution :

option [1] is correct

Q. Match the following:

1. _____ Symbolizes to retrieve the resources
2. _____ Symbolizes to create a resource
3. _____ Symbolizes to delete a resource
4. _____ Symbolizes to modify a resource

- 1). 1. @PUT
 2. @POST
 3. @DELETE
 4. @GET
- 2). **1. @GET**
 - 2. @POST**
 - 3. @DELETE**
 - 4. @PUT**

- 3). 1. @GET
2. @PUT
3. @DELETE
4. @POST

- 4). 1. @POST
2. @GET
3. @DELETE
4. @PUT

Solution :

option [2] is correct

Q. State whether True or False:

Statement 1: WSDL defines the structure of Web Services.

Statement 2: SOAP enables exchange of messages between web service provider and consumer.

- 1). Only Statement 2 is true

- 2). Both statements are false
- 3). **Both statements are true**
- 4). Only Statement 1 is true

Solution :

option [3] is correct

Q. State whether True or False:

Statement 1: Web services support communication between various programming languages.

Statement 2: Web services are available anywhere and on any device.

- 1). Both statements are false
- 2). **Both statements are true**
- 3). Only Statement 1 is true
- 4). Only Statement 2 is true

Solution :

option [2] is correct

Q. State whether True or False:

Statement 1: '@Path annotation can be used on class level in a POJO class

Statement 2: '@Path annotation can be used on method level in a POJO class

- 1). Both statements are false
- 2). Only Statement 1 is true
- 3). **Both statements are true**
- 4). Both statements are contradicting with each other

Solution :

option [3] is correct

Q. What does the following URL indicate ?

http://127.0.0.1:9876/cs

- 1). http: port
- 127.0.0.1: machine name where web service is published
- 9876: default listener port number for web services
- cs : arbitrary name for the web service

2). **http: protocol**

127.0.0.1: IP address of machine where web service is published

9876: port number

cs : arbitrary name for the web service

- 3). http: IP address
- 127.0.0.1: protocol of machine where web service is published

9876: port number
cs : arbitrary name for the web service

4). URL given is in incorrect format

Solution :

option [2] is correct

Q. Select the most appropriate application area where a web service can be used:

1). An application area could be ordering a book from flipcart

2). An application area could be doing a payment transaction between Business to Business applications

3). An application area could be viewing a specific category of books from flipcart

4). **All above**

Solution :

option [4] is correct

Q. What is the <type> element implication in WSDL?

1). **<type> defines the data-types of the elements whether simple or complex**

2). <type> defines the data-types only for simple element

3). <type> defines the data-types only for complex element

4). There is no <type> element in WSDL

Solution :

option [1] is correct

Q. What does @WebService annotation indicate ?

1). @WebService is an annotation to pull a web service end point

2). @WebService annotation will be used to publish a web service

3). @WebService annotation will be used to consume a web service

4). **@WebService annotation defines a web service end point**

Solution :

option [4] is correct

Q. What is the use of @FormParam annotation?

- 1). Used to bind the URI to a Java method
- 2). Used to bind Java method return type with the response that would be generated
- 3). Used to bind Java method return type to HTML form parameters
- 4). **Used to bind HTML form parameters value to a Java method parameters**

Solution :

option [4] is correct

Web basics

Q. PMD can generate reports in which of the following formats?

- 1). .html files
- 2). .txt file
- 3). .csv files
- 4). **All of the above**

Solution :

option [4] is correct

Q. Setting.xml file is used to configure which of the following things?

- 1). **server authentication and passwords**
- 2). Parent Artifacts.
- 3). **HTTP proxy server.**
- 4). Project dependency.

Solution :

option [1,3] are correct

Q. Which of the following statements is not true about a maven plugin?

- 1). A plugin is a logical grouping of related goals.
- 2). Plugins reduces the repetitive tasks.
- 3). Plugins are configured in pom.xml file.
- 4). **Plugins cannot be reused.**

Solution :

option [4] is correct

Q.A developer executing the below command to package the artifact and install the same in local repository.

mvn install

If one of the test case fails, then what will happen?

- 1). Packaged artifact will get installed in local repository successfully
- 2). **Package creation and installation will not happen since test case fails. Only "Build Failure" message will get printed**
- 3). Package will get created successfully but installation fails
- 4). Packaged artifact will get installed in remote repository successfully

Solution :

option [2] is correct

Q. Which of the following plugin is used for Integration testing?

- 1). Surefire plugin
- 2). **Failsafe plugin**
- 3). Junit plugin
- 4). Jtesting plugin

Solution :

option [2] is correct

Q. Which of the following are true regarding PMD?

- 1). **Can be used to detect dead code**
- 2). PMD is a testing tool
- 3). **Can be used to detect duplicate code**
- 4). All of the above are true

Solution :

option [1,3] are correct

Q. Divya issued the below maven command.

mvn install

Select the list of build life phases invoked in the respective order while executing the above command.

1. deploy
2. verify
3. validate
4. test

- 5. compile
- 6. package
- 7. install

1). **3, 5, 4, 6, 7**

2). 3, 5, 4, 6, 7, 2, 1

3). 2, 3, 5, 4, 6, 7

4). 3, 5, 6, 7, 4

Solution :

option [1] is correct

Q. Which of the following is true about PMD?

1). PMD violations have 2 levels of severity - Error, Warning

2). It is not possible to create your own rulesets with PMD

3). PMD can be integrated only with eclipse

4). **None of these**

Solution :

option [4] is correct

Q. Which of the following tool is cross platform?

1). Make

2). Jam

3). **Ant**

4). None of these

Solution :

option [3] is correct

Q. In which of the following phase pom.xml is parsed to check, that the project is correct and all necessary information is available?

1). **validate**

2). compile

3). package

4). test

Solution :

option [1] is correct