**Module 1:**

**Rest API Testing**

|  |  |
| --- | --- |
| **Started on** | Saturday, 14 October 2023, 12:42 PM |
| **State** | Finished |
| **Completed on** | Saturday, 14 October 2023, 12:55 PM |
| **Time taken** | 13 mins 26 secs |
| **Grade** | **19.00** out of 20.00 (**95**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Question text

Which of the following HTTP Status code means FORBIDDEN, states that the user is not having access to the method being used for example, delete access without admin rights?

Select one:



400



500



401



403

Feedback

**Your answer is correct.**

The correct answer is: 403

**Question 2**

Correct

Mark 1.00 out of 1.00

Question text

All APIs are web services.

Select one:

True

False

Feedback

The correct answer is 'False'.

**Question 3**

Correct

Mark 1.00 out of 1.00

Question text

What is REST?

Select one:



Representational Service Transfer



Representation Server Transfer



Relay State Transfer



Representational State Transfer

Feedback

**Your answer is correct.**

The correct answer is: Representational State Transfer

**Question 4**

Correct

Mark 1.00 out of 1.00

Question text

RESTful web services uses HTTP methods to implement the concept of REST architecture.

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 5**

Correct

Mark 1.00 out of 1.00

Question text

PUT request is used to create a resource.

Select one:

True

False

Feedback

The correct answer is 'False'.

**Question 6**

Correct

Question text

Which protocol is used by REST API?

Select one:



SMTP



TCP



FTP



HTTP

Feedback

**Your answer is correct.**

The correct answer is: HTTP

**Question 7**

Correct

Mark 1.00 out of 1.00

Question text

Which of the following is correct about URI in RESTful web services?

Select one:



Each resource in REST architecture is identified by its URI



Purpose of an URI is to locate a resource(s) on the server hosting the web service



Both of the above



None of the above

Feedback

**Your answer is correct.**

The correct answer is: Both of the above

**Question 8**

Correct

Mark 1.00 out of 1.00

Question text

What is payload in RESTFul Web services?

Select one:



HTTP Methods



Data you are interested in transporting



URI for the resource



Resource which is getting created/modified

Feedback

**Your answer is correct.**

The correct answer is: Data you are interested in transporting

**Question 9**

Incorrect

Mark 0.00 out of 1.00

Question text

All web services need to be exposed over web via HTTP protocol.

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 10**

Correct

Mark 1.00 out of 1.00

Question text

Which of the following tools is not used for API Testing?

Select one:



Restassured



Postman



UFT



Rest Client

Feedback

**Your answer is correct.**

The correct answer is: UFT

**Question 11**

Correct

Mark 1.00 out of 1.00

Question text

All APIs need to be exposed over web via HTTP Protocol.

Select one:

True

False

Feedback

The correct answer is 'False'.

**Question 12**

Correct

Mark 1.00 out of 1.00

Question text

Which is the commonly used HTTP method supported by REST?

Select one:



GET



PUT



POST



All of the above

Feedback

**Your answer is correct.**

The correct answer is: All of the above

**Question 13**

Correct

Mark 1.00 out of 1.00

Question text

What is URI?

Select one:



Universal Resource Identifier



Uniform Resource Identifier



Uniform Representational Identifier



Universal Representational Identifier

Feedback

**Your answer is correct.**

The correct answer is: Uniform Resource Identifier

**Question 14**

Correct

Mark 1.00 out of 1.00

Question text

Which of the following HTTP Status code means CONFLICT, states conflict situation while executing the method for example, adding duplicate entry?

Select one:



401



404



400



409

Feedback

**Your answer is correct.**

The correct answer is: 409

**Question 15**

Correct

Mark 1.00 out of 1.00

Question text

In which layer of the software architecture, do we perform API testing?

Select one:



Business Logic layer



Presentation layer



Database layer



UI layer

Feedback

**Your answer is correct.**

The correct answer is: Business Logic layer

**Question 16**

Correct

Mark 1.00 out of 1.00

Question text

301 CREATED is the response code if the request has been fulfilled and has resulted in one or more new resources being created

Select one:

True

False

Feedback

The correct answer is 'False'.

**Question 17**

Correct

Mark 1.00 out of 1.00

Question text

What is the most popular way to represent a resource in REST?

Select one:



XML



Json



HTML



Text

Feedback

**Your answer is correct.**

The correct answer is: Json

**Question 18**

Correct

Mark 1.00 out of 1.00

Question text

All web services are APIs.

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 19**

Correct

Mark 1.00 out of 1.00

Question text

200 OK is the response code if the request has succeeded

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 20**

Correct

Mark 1.00 out of 1.00

Question text

What is the core component of a HTTP request?

Select one:



A.

HTTP methods - GET, PUT, POST, DELETE



B.

Uniform Resource Identifier (URI), which is the identifier for the resource on the server.



C.

Request Header, which carries metadata (as key-value pairs) for the HTTP Request message.



D.

All of the above

Feedback

**Your answer is correct.**

The correct answer is: All of the above

**API Automation**

|  |  |
| --- | --- |
| **Started on** | Saturday, 14 October 2023, 1:15 PM |
| **State** | Finished |
| **Completed on** | Saturday, 14 October 2023, 1:16 PM |
| **Time taken** | 1 min 21 secs |
| **Marks** | 7.67/8.00 |
| **Grade** | **9.58** out of 10.00 (**96**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Question text

Select the verb used to “create a content “

Select one:



Post



Patch



Put



GET

Feedback

**Your answer is correct.**

The correct answer is: Post

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the verb used to “Modify a content “

Select one:



Put



GET



Patch



Post

Feedback

**Your answer is correct.**

The correct answer is: Patch

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the error code for the  resource already exists.

Select one:



400 (Bad Request)



404 (Not Found)



204   (No Content)



 409 (Conflict)

Feedback

**Your answer is correct.**

The correct answer is:  409 (Conflict)

**Question 4**

Correct

Mark 1.00 out of 1.00

Question text

Select the steps to  Identify The Api Calls Behind The Scenarios using [Charles proxy](https://academy.moolya.com/mod/page/view.php?id=2321)

Select one or more:



Connect device to proxy



Identify the API methods



Set up a proxy



Identify API calls for HTTPS requests



Identify API calls behind the scenarios

Feedback

**Your answer is correct.**

The correct answers are: Set up a proxy, Connect device to proxy, Identify API calls behind the scenarios, Identify API calls for HTTPS requests

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the steps to enable the SSL proxy in Charles

Select one:



Go to Proxy > SSL Proxying Settings



Click add and enter the host name but leave the port empty



On your phone, go to charlesproxy.com/getssland install the certificate



Restart Charles and  Record the API calls



All the Above

Feedback

**Your answer is correct.**

The correct answer is: All the Above

**Question 6**

Partially correct

Mark 0.67 out of 1.00

Flag question

Question text

Select the different Response Status using Rest Assured to validate the status codes

Select one or more:



Validating Error Status Code



Validating Response Status Code



Validating Error Status Line



Validating Response Status Line

Feedback

**Your answer is partially correct.**

You have correctly selected 2.

The correct answers are: Validating Response Status Code, Validating Error Status Code, Validating Response Status Line

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the error code if ID not found or invalid.

Select one:



404  (Not Found)



 409 (Conflict)



204   (No Content)



400 (Bad Request)

Feedback

**Your answer is correct.**

The correct answer is: 404  (Not Found)

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the verb used to “Replace a content “

Select one:



Patch



GET



Post



Put

Feedback

**Your answer is correct.**

The correct answer is: Put

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Saturday, 14 October 2023, 9:09 PM |
| **State** | Finished |
| **Completed on** | Saturday, 14 October 2023, 9:15 PM |
| **Time taken** | 5 mins 58 secs |
| **Grade** | **9.00** out of 10.00 (**90**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Select the correct statement that defines the API .

Select one:



API specifies how some software components should interact with other



It’s a set of functions and procedures that allows the creation of applications



API used to access the features or data of an application



All of the Above

Feedback

**Your answer is correct.**

The correct answer is: All of the Above

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Who can use Web API?

Select one:



Web API can only be consumed between Server and Client



Web API can be consumed by Server which are connected to Web



None of the above



Web API can be consumed by any clients which support HTTP

Feedback

**Your answer is correct.**

The correct answer is: Web API can be consumed by any clients which support HTTP

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which HTTP method is used to create/update the record in FB Graph api ?

Select one:



PATCH



POST



PUT



DELETE

Feedback

**Your answer is correct.**

The correct answer is: POST

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following functionality does API support ?

Select one:



Access Data



Hide Complexity



Extended Functionality



All of the above

Feedback

**Your answer is correct.**

The correct answer is: All of the above

**Question 5**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

Which of the following terminologies defines “Security”?

Select one:



Gatekeeper



Protocol



Authorisation



Authentication

Feedback

**Your answer is incorrect.**

The correct answer is: Gatekeeper

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

How do external applications retrieve data from the Source system ?

Select one:



None of the above



Source Systems provides their information to external applications



By directly accessing their Database



By accessing the endpoints of the Source system

Feedback

**Your answer is correct.**

The correct answer is: By accessing the endpoints of the Source system

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is API Gateway?

Select one:



It is an interface to provide data exchange



It specifies how some software components should interact with other



It's used to provides interface to call procedure



It is single point contact for various API based services

Feedback

**Your answer is correct.**

The correct answer is: It is single point contact for various API based services

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are the core components of API requests?

Select one:



URI



HTTP Methods/Versions



Request Header/Body



All of the above

Feedback

**Your answer is correct.**

The correct answer is: All of the above

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Mention which markup language can be used in web api?

Select one or more:



JSON



XML



BBC



SGML

Feedback

**Your answer is correct.**

The correct answers are: JSON, XML

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is the correct way to version any API?

Select one:



HTTP Version



URL



Requests



Authorization

Feedback

**Your answer is correct.**

The correct answer is: URL

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Saturday, 14 October 2023, 9:31 PM |
| **State** | Finished |
| **Completed on** | Saturday, 14 October 2023, 9:33 PM |
| **Time taken** | 2 mins 32 secs |
| **Grade** | **10.00** out of 10.00 (**100**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which of the following styles does Web service use ?**



SOAP



REST



XML-RCP



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

All of the above

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**API communication is exposed in which format ?**



SOAP



XML



REST



Multiple Formats

Feedback

**Your answer is correct.**

The correct answer is:

Multiple Formats

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which follows a certain standard protocol for web service creation?**



SOAP



REST



Microservices



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

SOAP

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which of the following is not the characteristics of API ?**



**API are open sources**



**API are self contained**



**API can perform all task Web Service can do**



**API do not need network**

Feedback

**Your answer is correct.**

The correct answer is:

**API are self contained**

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**How did Web Services are hosted over the API ?**



**Application within Internet Information Service**



**On the Internet Information Service**



**With the Internet Information Service**



**Not hosted on Internet Information Service**

Feedback

**Your answer is correct.**

The correct answer is:

**On the Internet Information Service**

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**What are the other mechanisms REST uses which are complex ?**



RPC



COBRA



HTTP



SOAP

Feedback

**Your answer is correct.**

The correct answers are:

COBRA,

RPC,

SOAP

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Web services are dependent on other services.**

Select one:

True

False

Feedback

**Super!**

The correct answer is 'False'.

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which of the following is correct about web services?**



A web service is a collection of open protocols.



Software applications written in various programming languages and running on various platforms can use web services to exchange data among them over computer networks like the Internet.



Both of the above



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

Both of the above

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which of the following statements is not true ?**



An API facilitates interfacing directly with an application whereas a Web service is a network for its operation.



Web services might not perform all the operations that an API would perform.



A Web service and APIs don’t need a network for operation



All Web services are APIs but all APIs are not Web services.

Feedback

**Your answer is correct.**

The correct answer is:

A Web service and APIs don’t need a network for operation

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

**Which service results in exchange of data between applications or systems?**

Answer: 

Feedback

The correct answer is: WebService

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Saturday, 14 October 2023, 9:47 PM |
| **State** | Finished |
| **Completed on** | Saturday, 14 October 2023, 9:51 PM |
| **Time taken** | 4 mins 17 secs |
| **Grade** | **10.00** out of 10.00 (**100**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What purpose does XML in Web Service serve ?



Tag the data



Format the data



Both the above



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

Both the above

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following acts as a registry which contains  server details ?



WSDL



UDDI



SKELETON



STUB

Feedback

**Your answer is correct.**

The correct answer is:

UDDI

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which language does UDDI use ?



SOAP



HTTP



WSDL



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

WSDL

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which is a simple protocol that uses XML messages to perform RPCs?



XML-RPC



SOAP



WSDL



UDDI

Feedback

**Your answer is correct.**

The correct answer is:

XML-RPC

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following statements about Web Service is false ?



Web Service are easy to deploy



Web Service are easy to integrate



Web Service are not reusable



Web Service are cost effective

Feedback

**Your answer is correct.**

The correct answer is:

Web Service are not reusable

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which determines the communication between various applications, sharing of data as well as services among themselves.



Interoperability



Incompatibility



Inter-Communication



Interoperable

Feedback

**Your answer is correct.**

The correct answer is:

Interoperability

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are the cores of Web Service Architecture?



Service Provider



Service Requestor



Service Registry



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

All of the above

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Does WSDL act as a repository to store server side details ?

Select one:

True

False

Feedback

The correct answer is 'False'.

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which acts on the server side application contains a predefined class of the server ?



Stubs



Skeleton



BEEP



SOAP

Feedback

**Your answer is correct.**

The correct answer is:

Skeleton

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which describes the availability of service?



SOAP



WSDL



UDDI



SERVER

Feedback

**Your answer is correct.**

The correct answer is:

WSDL

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Sunday, 15 October 2023, 8:22 AM |
| **State** | Finished |
| **Completed on** | Sunday, 15 October 2023, 8:28 AM |
| **Time taken** | 6 mins 17 secs |
| **Grade** | **10.00** out of 10.00 (**100**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following defines the properties of SOAP API ?



SoapUI is an open-source



Cross-platform



Both of the above

Feedback

**Your answer is correct.**

The correct answer is:

Both of the above

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following are not the elements of SOAP messages?



Header



Envelope



Body element



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

None of the above

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Can SOAP support Secure Socket Layer Authentication ?

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which conceptual concepts does SOAP have?



Overwritten concepts



Protocol concepts



Polymorphism concepts



Non-Network concepts

Feedback

**Your answer is correct.**

The correct answer is:

Protocol concepts

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Is binding between SOAP and WSDL possible?

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are the disadvantages of Using SOAP Web Services?



SOAP is faster due to xml payload size.



SOAP supports JSON.



SOAP does not rely on specific client applications.



Due to contract specifications, there is a tight coupling between Client & Server making it hard to change.

Feedback

**Your answer is correct.**

The correct answer is:

Due to contract specifications, there is a tight coupling between Client & Server making it hard to change.

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

SOAP can use the range of protocols such as ?



HTTP



SMPT



Post office protocol 3(POP3)



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

All of the above

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which is a simple protocol that uses XML messages to perform RPCs?



XML-RPC



UDDI



WSDL



SOAP

Feedback

**Your answer is correct.**

The correct answer is:

XML-RPC

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following statements is true?



SOAP based reads cannot be cached



SOAP permits only XML



SOAP runs other envelope other than HTTP



SOAP is not an custom application

Feedback

**Your answer is correct.**

The correct answer is:

SOAP permits only XML

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which medium does SOAP API follow to communicate between client & server?



POST



PUT



PATCH



GET

Feedback

**Your answer is correct.**

The correct answer is:

POST

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Sunday, 15 October 2023, 8:42 AM |
| **State** | Finished |
| **Completed on** | Sunday, 15 October 2023, 8:44 AM |
| **Time taken** | 1 min 25 secs |
| **Grade** | **10.00** out of 10.00 (**100**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which elements do not describe the WSDL element?



Port Type



Envelope



Binding



Types

Feedback

**Your answer is correct.**

The correct answer is:

Envelope

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are the characteristics of WSDL ?



SOAP envelope - defines the characteristics of the message



Set of encoding rules



Conventional representation of RPC’s



None of the above

Feedback

**Your answer is correct.**

The correct answers are:

SOAP envelope - defines the characteristics of the message,

Set of encoding rules,

Conventional representation of RPC’s

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

How many types of operations are specified in WSDL ?



1



2



3



4

Feedback

**Your answer is correct.**

The correct answer is:

2

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following is an advantage of WSDL (JAVA to WSDL)?



Only one web service operation per WSDL



Embedded schemas don't allow modularization of WSDL by importing XML schemas into the types section.



No control over generated "container" message type names



Less control over published service contracts

Feedback

**Your answer is correct.**

The correct answer is:

Less control over published service contracts

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The operation types response used in WSDL?



One way



Request response



Solicit response



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

All of the above

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which directory of web service interfaces are described by WSDL?



HTTP



DNS



UDDI



XML

Feedback

**Your answer is correct.**

The correct answer is:

UDDI

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

WSDL is written in



HTML



WML



YAML



XML

Feedback

**Your answer is correct.**

The correct answer is:

XML

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

UDDI is a ?



Web Service



Universal Service



Directory Service

Feedback

**Your answer is correct.**

The correct answer is:

Directory Service

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following protocols are used for communication in UDDI?



SOAP



COBRA



Both the above



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

Both the above

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

UDDI is a part of the XML based standard in service discovery layer of a protocol stack ?

Select one:

True

False

Feedback

The correct answer is 'True'.

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Sunday, 15 October 2023, 9:04 AM |
| **State** | Finished |
| **Completed on** | Sunday, 15 October 2023, 9:07 AM |
| **Time taken** | 2 mins 21 secs |
| **Marks** | 14.00/14.00 |
| **Grade** | **10.00** out of 10.00 (**100**%) |

Top of Form

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which Transport protocol is not  used by RESTful Web Services?



UDP



TCP/IP



HTTP



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

UDP

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are the major building blocks of RESTful Web Services ?



Resource URI & HTTP Request Methods



Resource URI & Stateless



Stateless & Uniform interface



Client Server & Stateless

Feedback

**Your answer is correct.**

The correct answer is:

Resource URI & HTTP Request Methods

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which Architecture principle resource defines the communication between two different measures?



Client Server



Uniform interface



Layered system



Code on demand code

Feedback

**Your answer is correct.**

The correct answer is:

Uniform interface

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following is not an interface constraints in REST



Resource identification & Manipulation



Self-descriptive messages



Hypermedia as the engine of application state



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

None of the above

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which principle simplifies the clients by creating a smart application which doesn’t rely on its own code structure.



Code on demand code



Stateless



Uniform interface



Client Server

Feedback

**Your answer is correct.**

The correct answer is:

Code on demand code

**Question 6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which business logic layer does REST use ?



URI



Service Interface



Application Interface



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

URI

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What are safe REST operations?



GET & HEAD



GET & POST



DELETE & HEAD



POST & PUT

Feedback

**Your answer is correct.**

The correct answer is:

GET & HEAD

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

How data is represented in REST architecture ?



URI



Resource



Information



Options

Feedback

**Your answer is correct.**

The correct answer is:

Resource

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

How the Resources are identified in REST?



URIs/ Individual IDs



URIs/ Global IDs



Global IDs/ Individual IDs



Global IDs/ Individual IDs / URIs

Feedback

**Your answer is correct.**

The correct answer is:

URIs/ Global IDs

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Intermediary services are used in Layered system principle to follow



Data integrity and format



To constraint minimizes the risk of coupling functionality in your service



Build client-server constraint



All of the above

Feedback

**Your answer is correct.**

The correct answer is:

All of the above

**Question 11**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Can REST use SOAP web services ?

Select one:

True

False

Feedback

The correct answer is 'True'.

**Question 12**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

When a particular resource cannot be cached and process stopped implies?



Private Cache



Public Cache



Private and Public Cache



No Cache

Feedback

**Your answer is correct.**

The correct answer is:

No Cache

**Question 13**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which security do REST supports ?



WS-Security



WS-Security Policy



XML Encryption



SSL security

Feedback

**Your answer is correct.**

The correct answer is:

SSL security

**Question 14**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which constrain defines the API gateway and proxy for client and server communication?



Uniform Interface



Client-Server



Layered system  & Client-Server



Layered system

Feedback

**Your answer is correct.**

The correct answer is:

Layered system

**A beginners guide to understanding API**

|  |  |
| --- | --- |
| **Started on** | Sunday, 15 October 2023, 10:08 AM |
| **State** | Finished |
| **Completed on** | Sunday, 15 October 2023, 10:14 AM |
| **Time taken** | 6 mins 36 secs |
| **Grade** | **9.00** out of 10.00 (**90**%) |

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**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

A RESTful web service usually defines a URI, Uniform Resource Identifier a service, provides resource representation such as JSON and a set of HTTP Methods.



True



False



Neither

Feedback

**Your answer is correct.**

The correct answer is:

True

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the parameters passed to the method to a value in path?



@Queryparam



@Matrixparam



@Pathparam



@Headerparam

Feedback

**Your answer is correct.**

The correct answer is: @Pathparam

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which Indicate Server status for the requested resource?



Status/Response Code



Header/Status Code



Response Code/Header



Response Code/Logs

Feedback

**Your answer is correct.**

The correct answer is: Status/Response Code

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following is correct about URI in RESTful web services?



Each resource in REST architecture is identified by its URI.



Purpose of an URI is to locate a resource(s) on the server hosting the web service.



Both of the above.



None of the above.

Feedback

**Your answer is correct.**

The correct answer is:

Both of the above.

**Question 5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following components of HTTP request indicates HTTP methods such as GET, POST, DELETE, PUT etc.?



VERB



URL



HTTP Version



Request Header

Feedback

**Your answer is correct.**

The correct answer is:

VERB

**Question 6**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

How is the link-ability resource representation in REST?



Server and Client should know each other



Message format should be represented as resource



A format should be handled in such situations



All of the above

Feedback

**Your answer is incorrect.**

The correct answer is:

A format should be handled in such situations

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following is correct about RESTful web services?



Web services based on REST Architecture are known as RESTful web services.



These web services use HTTP methods



A RESTful web service usually defines a URI, and  provides resource representation such as JSON and a set of HTTP Methods.



All of the above.

Feedback

**Your answer is correct.**

The correct answer is:

All of the above.

**Question 8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which indicates the metadata key-value pair details with HTTP response?



Status/Response Code



HTTP Version



Response Header



Response Body

Feedback

**Your answer is correct.**

The correct answer is:

Response Header

**Question 9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

  resource is accessed by a common interface using HTTP standard methods.

Feedback

**Your answer is correct.**

The correct answer is:

[REST] resource is accessed by a common interface using HTTP standard methods.

**Question 10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which of the following protocols is not used by RESTful web services?



Gopher



HTTP



TCP/IP



None of the above

Feedback

**Your answer is correct.**

The correct answer is:

Gopher

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