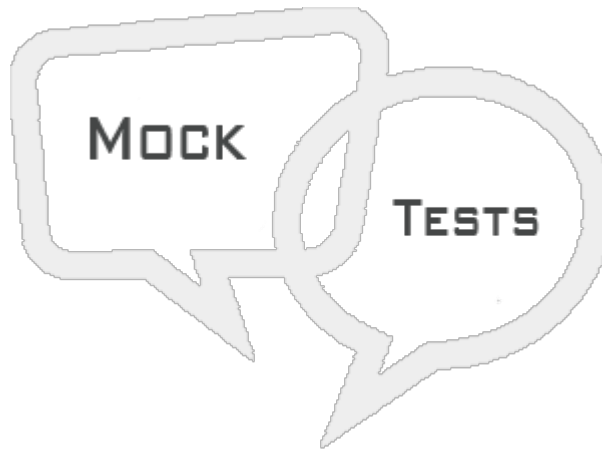


# RESTFUL MOCK TEST

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This section presents you various set of Mock Tests related to **RESTful Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



## RESTFUL MOCK TEST III

**Q 1 - Which of the following is a best practice for designing a secure RESTful web service?**

- A - Validation - Validate all inputs on the server. Protect your server against SQL or NoSQL injection attacks.
- B - Session based authentication - Use session based authentication to authenticate a user whenever a request is made to a Web Service method.
- C - Both of the above.
- D - None of the above.

**Q 2 - Which of the following is a best practice for designing a secure RESTful web service?**

- A - No sensitive data in URL - Never use username, password or session token in URL , these values should be passed to Web Service via POST method.
- B - Restriction on Method execution - Allow restricted use of methods like GET, POST, DELETE. GET method should not be able to delete data.
- C - Both of the above.
- D - None of the above.

**Q 3 - Which of the following is a best practice for designing a secure RESTful web service?**

- A - Validate Malformed XML/JSON - Check for well formed input passed to a web service method.
- B - Throw generic Error Messages - A web service method should use HTTP error messages like 403 to show access forbidden etc.
- C - Both of the above.
- D - None of the above.

**Q 4 - Which of the following HTTP Status code means OK, shows success?**

- A - 200
- B - 201
- C - 204
- D - 304

**Q 5 - Which of the following HTTP Status code means CREATED, when a resource is successful created using POST or PUT request?**

- A - 200
- B - 201
- C - 204
- D - 304

**Q 6 - Which of the following HTTP Status code means NO CONTENT, when response body is empty for example, a DELETE request?**

- A - 200
- B - 201
- C - 204
- D - 304

**Q 7 - Which of the following HTTP Status code means NOT MODIFIED, used to reduce network bandwidth usage in case of conditional GET requests?**

- A - 200
- B - 201
- C - 204
- D - 304

**Q 8 - Which of the following HTTP Status code means BAD REQUEST, states that invalid input is provided e.g. validation error, missing data?**

- A - 400
- B - 401
- C - 404
- D - 409

**Q 9 - Which of the following HTTP Status code means FORBIDDEN, states that user is not having access to method being used for example, delete access without admin**

**rights?**

- A - 400
- B - 401
- C - 404
- D - 409

**Q 10 - Which of the following HTTP Status code means NOT FOUND, states that method is not available?**

- A - 400
- B - 401
- C - 404
- D - 409

**Q 11 - Which of the following HTTP Status code means CONFLICT, states conflict situation while executing the method for example, adding duplicate entry?**

- A - 400
- B - 401
- C - 404
- D - 409

**Q 12 - Which of the following HTTP Status code means INTERNAL SERVER ERROR, states that server has thrown some exception while executing the method?**

- A - 500
- B - 401
- C - 404
- D - 409

**Q 13 - What JAX-RS stands for?**

- A - Just API for RESTful Web Services.
- B - Joint API for RESTful Web Services.
- C - JAVA API for RESTful Web Services.
- D - None of the above.

**Q 14 - Which of the following is correct about JAX-RS?**

- A - JAX-RS is a JAVA based programming language API and specification to provide support for created RESTful Webservices.
- B - Its 2.0 version was released in 24 May 2013.

- C - Both of the above.
- D - None of the above.

**Q 15 - Which of the following is correct about JAX-RS?**

- A - JAX-RS makes heavy use of annotations available from Java SE 5 to simplify development of JAVA based web services creation and deployment.
- B - It also provides supports for creating clients for RESTful web services.
- C - Both of the above.
- D - None of the above.

**Q 16 - Which of the following annotation of JAX RS API is used to annotate a method to get the relative path of the resource class/method?**

- A - @Path
- B - @GET
- C - @PUT
- D - @POST

**Q 17 - Which of the following annotation of JAX RS API is used to annotate a method used to fetch resource?**

- A - @Path
- B - @GET
- C - @PUT
- D - @POST

**Q 18 - Which of the following annotation of JAX RS API is used to annotate a method used to create resource?**

- A - @Path
- B - @GET
- C - @PUT
- D - @POST

**Q 19 - Which of the following annotation of JAX RS API is used to annotate a method used to create/update resource?**

- A - @Path
- B - @GET
- C - @PUT
- D - @POST

**Q 20 - Which of the following annotation of JAX RS API is used to annotate a method used to delete resource?**

- A - @DELETE
- B - @HEAD
- C - @Produces
- D - @Consumes

**Q 21 - Which of the following annotation of JAX RS API is used to get status of method availability?**

- A - @DELETE
- B - @HEAD
- C - @Produces
- D - @Consumes

**Q 22 - Which of the following annotation of JAX RS API states the HTTP Response generated by web service?**

- A - @DELETE
- B - @HEAD
- C - @Produces
- D - @Consumes

**Q 23 - Which of the following annotation of JAX RS API states the HTTP Request type?**

- A - @DELETE
- B - @HEAD
- C - @Produces
- D - @Consumes

**Q 24 - Which of the following annotation of JAX RS API binds the parameter passed to method to a value in path?**

- A - @PathParam
- B - @QueryParam
- C - @MatrixParam
- D - @HeaderParam

**Q 25 - Which of the following annotation of JAX RS API binds the parameter passed to method to a query parameter in path?**

- A - @PathParam
- B - @QueryParam
- C - @MatrixParam
- D - @HeaderParam

**Q 26 - Which of the following annotation of JAX RS API binds the parameter passed to method to a HTTP matrix parameter in path?**

- A - @PathParam
- B - @QueryParam
- C - @MatrixParam
- D - @HeaderParam

**Q 27 - Which of the following annotation of JAX RS API binds the parameter passed to method to a HTTP header?**

- A - @PathParam
- B - @QueryParam
- C - @MatrixParam
- D - @HeaderParam

**Q 28 - Which of the following annotation of JAX RS API binds the parameter passed to method to a Cookie?**

- A - @CookieParam
- B - @FormParam
- C - @DefaultValue
- D - @Context

**Q 29 - Which of the following annotation of JAX RS API binds the parameter passed to method to a form value?**

- A - @CookieParam
- B - @FormParam
- C - @DefaultValue
- D - @Context

**Q 30 - Which of the following annotation of JAX RS API assigns a default value to a parameter passed to method?**

- A - @CookieParam
- B - @FormParam

C - @DefaultValue

D - @Context

**Q 31 - Which of the following annotation of JAX RS API is used to inject a context of the resource for example HTTPRequest as a context**

A - @CookieParam

B - @FormParam

C - @DefaultValue

D - @Context

**Q 32 - REST is web standards based architecture and uses HTTP Protocol for data communication.**

A - false

B - true

**Q 33 - In REST architecture, a REST Server simply provides access to resources and REST client accesses and presents the resources.**

A - false

B - true

**Q 34 - A web service is a collection of open protocols and standards used for exchanging data between applications or systems.**

A - true

B - false

**Q 35 - RESTful web services use HTTP methods to implement the concept of REST architecture.**

A - true

B - false

**Q 36 - A RESTful web service usually defines a URI, Uniform Resource Identifier a service, provides resource representation such as JSON and set of HTTP Methods.**

A - false

B - true

**Q 37 - RESTful web services make use of FTP protocol as a medium of communication between client and server.**

A - true

B - false

**Q 38 - A RESTful web service client sends a message in form of a Gopher Request and server responds in form of a HTTP Response.**

A - true

B - false

**Q 39 - URI of HTTP request indicates HTTP methods to be executed by RESTful Web services.**

A - false

B - true

**Q 40 - Request Header - Contains metadata for the HTTP Request message as key-value pairs.**

A - false

B - true

**Q 41 - Status/Response Code - Indicate Server status for the requested resource.**

A - false

B - true

**Q 42 - Response Header - Contains metadata for the HTTP Response message as key-value pairs.**

A - true

B - false

**Q 43 - Request Body - Contains Message content or Resource representation.**

A - true

B - false

**Q 44 - Each resource in REST architecture is identified by its URI.**

A - true

B - false

**Q 45 - Purpose of an URI is to do the DNS lookup.**

A - true



B - false

**Q 46 - Web services can treat each method request independently.**

A - true

B - false

**Q 47 - As HTTP is itself a statelessness protocol, RESTful Web services work seamlessly with HTTP protocol.**

A - true

B - false

**Q 48 - PUT operations should be readonly.**

A - true

B - false

**Q 49 - POST operations should be idempotent.**

A - true

B - false

**Q 50 - GET operations should be readonly.**

A - true

B - false

## ANSWER SHEET

Question Number	Answer Key
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1	C
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2	C
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3	C
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4	A
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5	B
---	---

6	C
---	---

7	D
---	---

8	A
---	---

9	B
---	---

10	C
----	---

11	D
12	A
13	C
14	C
15	C
16	A
17	B
18	C
19	D
20	A
21	B
22	C
23	D
24	A
25	B
26	C
27	D
28	A
29	B
30	C
31	D
32	B
33	B
34	A
35	A
36	B
37	B
38	B
39	A
40	B
41	B
42	A
43	A
44	A
45	B

46	A
47	A
48	B
49	B
50	A

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