

**Question 14**

Answer saved

Marked out of 1

Flag question

Choose the option from the directives of Cache-Control header that no shared intermediary (proxy or CDN) is allowed to cache the response. To make sure that the client, and only the client, caches the data.

Select one:

- ☒ a. private
- ☐ b. no-store
- ☐ c. no-cache
- ☐ d. public



**Question 15**

Not yet answered

Marked out of 1

Flag question

Identify the option from the directives of Cache-Control header which indicates that the response should not be cached. If it is cached anyway, the data should not be used to satisfy a request unless it is revalidated with the server.

Select one:

- ☐ a. s-maxage
- ☐ b. no-transform
- ☒ c. no-cache
- ☐ d. no-store

**Question 16**

@Path("/customers")  
public class CustomerResource {

**Question 11**

Answer saved

Marked out of 1

Flag question

Identify response message for the following requirements:

1. Only the Client may cache the response
2. This response is valid for 300 seconds and must not be stored on disk."

Select one:

- ☐ a. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: public, no-store, max-age=300 <customers>...</customers>
- ☒ b. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: private, no-store, max-age=300 <customers>...</customers>
- ☐ c. HTTP/1.1 200 OK Content-Type: application/xml Expires: Tue, 15 May 2014 16:00 GMT <customer id="123">...</customers>
- ☐ d. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: private, no-store, max-age=300000 <customers>...</customers>

**Question 12**

Not yet answered

Marked out of 1

Flag question

Choose the simple class that the JAX-RS specification provides to represent the Cache-Control header.

Select one:

- ☒ a. javax.ws.rs.core.CacheControl
- ☐ b. javax.ws.rs.core.Cache
- ☐ c. javax.ws.rs.core.CacheControlHeaders
- ☐ d. javax.ws.rs.core.Cookie

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• d. GET http://example.com/stuff Accept: text/\*, text/html; level=1

**Question 19**

Answer saved

Marked out of 1

Flag question

For example:

GET http://example.com/stuff

Accept: text/\*;q=0.9, \*/\*;q=0.1, audio/mpeg, application/xml;q=0.5

Choose the default value that must be assumed if no q qualifier is given.

Select one:

- ☒ a. 1
- ☐ b. 0.1
- ☐ c. 0.9
- ☐ d. 0.5

**Question 20**

Answer saved

Marked out of 1

Flag question

Choose the method that processes the HTTP's request Accept-Language header. It is prepared and represented as a list of java.util.Locale objects.

Select one:

- ☐ a. getAcceptableMediaType()
- ☒ b. getAcceptableLanguages()
- ☐ c. getAcceptableMediaTypes()
- ☐ d. getAcceptableLanguage()

**Question 47**

Not yet answered

Marked out of 1

Flag question

Which interface is provided by JAX-RS specification, if a user needs programmatic access to view all headers within the incoming request?

Select one:

- ☐ a. javax.ws.rs.core.UnInfo
- ☐ b. javax.ws.rs.core.Cookie
- ☐ c. javax.ws.rs.core.PathSegment
- ☒ d. javax.ws.rs.core.HttpHeaders

**Question 48**

Not yet answered

Marked out of 1

Flag question

Identify the exception from the following that the JAX-RS runtime will throw when there is no JAX-RS method with an @Consumes annotation that matches the Content-Type of the posted entity.

Select one:

- ☐ a. NotAcceptableException
- ☒ b. NotSupportedException
- ☐ c. NotAllowedException
- ☐ d. InternalServerErrorException



**Question 56**

Not yet answered

Marked out of 1

Flag question

Choose the helper class used if JAXB handler needs to extract parameterized type information of the generic type of the response entity.

Select one:

- ☐ a. javax.ws.rs.core.Response
- ☐ b. javax.ws.rs.core.Response.Status
- ☐ c. javax.ws.rs.core.Response.ResponseBuilder
- ☒ d. javax.ws.rs.core.GenericEntity

**Question 57**

Not yet answered

Marked out of 1

Flag question

Codes in the 500 range are considered:

Select one:

- ☐ a. redirection category
- ☐ b. client errors category
- ☒ c. server errors category
- ☐ d. successful category

**Question 58**

Not yet answered

Marked out of 1

Flag question

If the client invokes an HTTP method on a valid URI to which no JAX-RS resource method is bound, Choose the error code JAX-RS runtime will send.



Select one:

**Question 45**

Not yet answered

Marked out of 1

Flag question

You can inject individual form parameters from the request. Choose the correct option from the following if you want to inject all the form data sent with the request to the resource method.

Select one:

- ☐ a. String
- ☐ b. byte[]
- ☐ c. char[]
- ☒ d. MultivaluedMap<String, String>

**Question 46**

Not yet answered

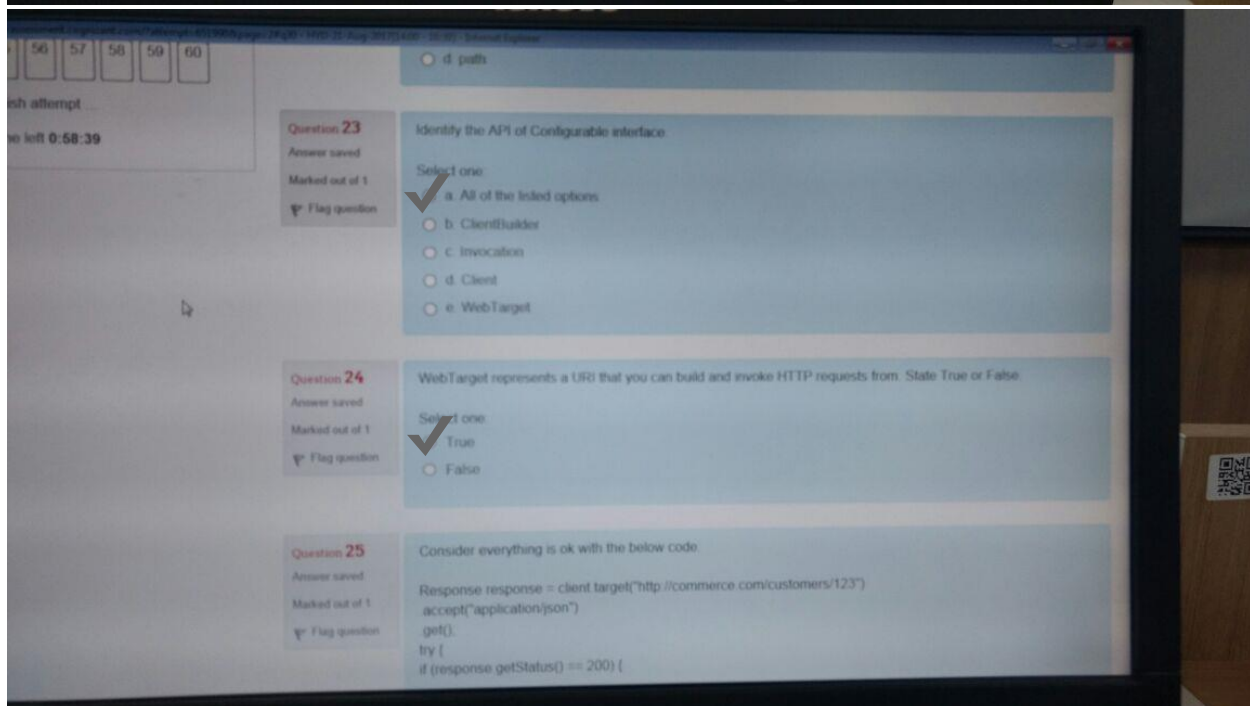
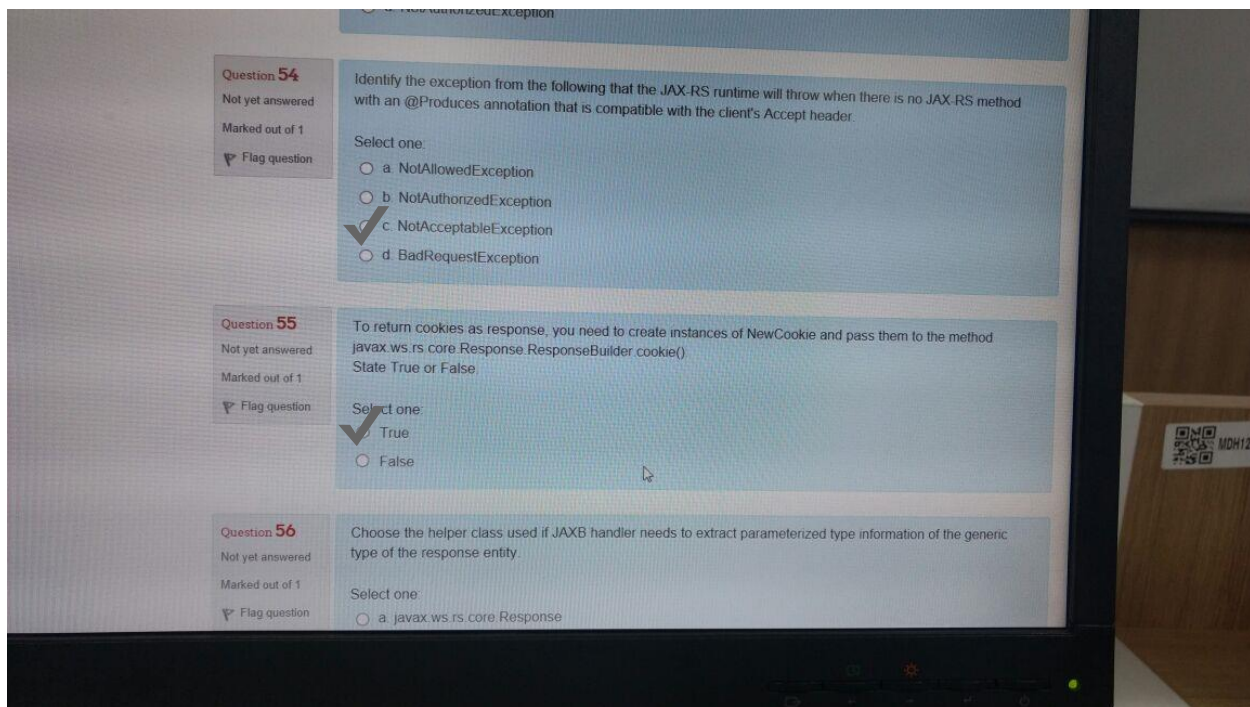
Marked out of 1

Flag question

If the JAX-RS provider fails to convert a string into the Java type specified, it is considered as a client error. Choose the error status which is sent back to the client if the failure happens during the processing of an injection for an @MatrixParam, @QueryParam, or @PathParam.

Select one:

- ☒ a. 404, "Not Found"
- ☐ b. 204 "No Content"
- ☐ c. 501 "Not Implemented"
- ☐ d. 400, "Bad Request,"





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Internet Explorer

```
@Path("/customers")
public class CustomerResource {
    @Path("/{id}")
    @GET
    @Produces("application/xml")
    public Customer getCustomer(@PathParam("id") int id) { }
    @POST
    @Produces("application/xml")
    @Consumes("application/xml")
    public Customer create(Customer newCust) { }
```

In the above example, if the client requests a text/html response for the getCustomer() and create() methods, choose the http response code returned by JAX-RS implementation.

Select one:

- ☒ a. 406, "Not Acceptable"
- ☐ b. 404, "Not Found"
- ☐ c. 400, "Bad Request"
- ☐ d. 415, "Unsupported Media Type"

Choose the exception thrown when the client making the invocation does not have permission to access the resource it is invoking on.



lenovo

F9

F10

F11

F12

Print  
Screen  
Sys Req

Scroll  
Lock

Pause  
Break

Answer saved

Marked out of 1

Flag question

```
public class CarResource {  
    @GET  
    @Path("/{model : +}/year/{year}")  
    @Produces("image/jpeg")  
    public Jpeg getPicture(@PathParam("make") String make,  
        @PathParam("model") List<PathSegment> car,  
        @PathParam("year") String year) {  
    }  
}
```

In this example, identify the list of PathSegments injected to the car parameter, if the request is GET /cars/mercedes/e55/amg/year/2006

Select one or more:

- ☒ a. mercedes
- ☒ b. 2006
- ☒ c. e55
- ☒ d. amg

Question 30

Answer saved

Marked out of 1

Flag question

```
@Path("/customers")  
public class CustomerResource {  
    @GET  
    @Path("/{id : \\d+}")  
    public String getCustomer(@PathParam("id") int id) {  
    ...  
    }  
}
```

In our example Choose the URI pattern for getCustomer() method.

- 1) A, C
- 2) D
- 3) C
- 4) C
- 5) True
- 6) A
- 7) A
- 8)
- 9) A, C, D
- 10) A
- 11) B
- 12) A
- 13) D
- 14) A
- 15) C
- 16) A
- 17) C
- 18) D
- 19) A
- 20) B
- 21) D
- 22) A
- 23) A
- 24) A

- 25) A, D
- 26) True (A)
- 27) D
- 28) A
- 29) C, D
- 30) C (A doubt)
- 31)
- 32)
- 33)
- 34)
- 35)
- 36)
- 37)
- 38)
- 39)
- 40)
- 41) B
- 42) D
- 43) A
- 44) D
- 45) D
- 46) A
- 47) D
- 48) B
- 49) D

- 50) B, C
- 51)
- 52) C
- 53) A
- 54) C
- 55) True
- 56) D
- 57) C
- 58) D
- 59) B
- 60) A



53 54  
59 60

**Question 52**

Not yet answered

Marked out of 1

Flag question

Choose the exception thrown when the client making the invocation does not have permission to access the resource it is invoking on.

Select one:

- ☐ a. NotAuthorizedException
- ☐ b. NotAllowedException
- ☒ c. ForbiddenException
- ☐ d. BadRequestException

**Question 53**

Not yet answered

Marked out of 1

Flag question

In JAX-RS API, a client is trying to invoke the HTTP method, which is not supported by the resource class the client is accessing. Identify the exception thrown in this instance.

Select one:

- ☒ a. NotAllowedException
- ☐ b. ForbiddenException
- ☐ c. BadRequestException
- ☐ d. NotAuthorizedException

**Question 54**

Not yet answered

Marked out of 1

Identify the exception from the following that the JAX-RS runtime will throw when there is no JAX-RS method with an @Produces annotation that is compatible with the client's Accept header.

**Question 49**

Not yet answered

Marked out of 1

Flag question

A user wants a static final variable to represent a specific code, instead of using a numeric constant to set a Response status code. Which JAX-RS specification should be used for this purpose?

Select one:

- ☐ a. javax.ws.rs.core.Response.ResponseBuilder
- ☐ b. javax.ws.rs.core.Response
- ☐ c. javax.ws.rs.core.GenericEntity
- ☒ d. javax.ws.rs.core.Response.Status

**Question 50**

Not yet answered

Marked out of 1

Flag question

Choose the response codes which comes under successful HTTP Responses category.

Select one or more:

- ☐ a. 400
- ☒ b. 200
- ☒ c. 204
- ☐ d. 404



- ☒ b. 2006
- ☒ c. e55
- ☒ d. amg

**Question 30**

Answer saved

Marked out of 1

Flag question

```
@Path("/customers")
public class CustomerResource {
    @GET
    @Path("/{id : \d+}")
    public String getCustomer(@PathParam("id") int id) {
        ...
    }
}
```

In our example Choose the URI pattern for getCustomer() method.

Select one:

- ☐ a. /customers/Sumit
- ☒ b. /customers/101C
- ☐ c. /customers/101
- ☐ d. /customers/C101

PREVIOUS PAGE

NEXT PAGE

**Question 41**

Answer saved

Marked out of 1

Flag question

Choose the annotation that binds the value(s) of a HTTP header to a resource method parameter, resource class field, or resource class bean property.

Select one:

- ☐ a. @javax.ws.rs.QueryParam
- ☒ b. @javax.ws.rs.HeaderParam
- ☐ c. @javax.ws.rs.PathParam
- ☐ d. @javax.ws.rs.FormParam

**Question 42**

Answer saved

Marked out of 1

Flag question

Using JAXB, choose the annotation that maps a JavaBean property to a XML element derived from property name.

Select one:

- ☐ a. @XmlAccessorType(XmlAccessType.FIELD)
- ☐ b. @javax.xml.bind.annotation.XmlRootElement
- ☒ c. @javax.xml.bind.annotation.XmlAttribute
- ☐ d. @javax.xml.bind.annotation.XmlElement

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**Question 25**  
Answer saved  
Marked out of 1  
Flag question

Consider everything is ok with the below code:

```
Response response = client.target("http://commerce.com/customers/123")
    .accept("application/json")
    .get();
try {
    if (response.getStatus() == 200) {

        Customer customer = response.readEntity(Customer.class);//Line1
        Map rawJson = response.readEntity(Map.class);//Line2
    }
} finally {
    response.close();
}
```

Select the correct options regarding invocation of readEntity() method.


Select one or more:

- ☒ a. Only the readEntity() in Line 1 will be invoked
- ☒ b. Both readEntity() methods defined in Line 1 and Line 2 will be invoked
- ☐ c. only the readEntity() method defined in Line 2 will be invoked
- ☒ d. The call to the readEntity() in Line 2 would result in an IllegalStateException

**Question 26**  
Answer saved  
Marked out of 1  
Flag question

In JAX-RS Client API, client interface is used to manage the global configuration and the underlying socket connections to communicate with a service.  
State True or False

Select one:



**Question 43**  
Answer saved  
Marked out of 1  
Flag question

Identify the annotation that allows you to extract values from URI template parameters.

Select one:

- ☒ a. @javax.ws.rs.PathParam
- ☐ b. @javax.ws.rs.FormParam
- ☒ c. @javax.ws.rs.QueryParam
- ☐ d. @javax.ws.rs.MatrixParam

**Question 44**  
Answer saved  
Marked out of 1  
Flag question

Identify the annotation that allows you to extract values from URI query parameters.

Select one:

- ☐ a. @javax.ws.rs.PathParam
- ☐ b. @javax.ws.rs.FormParam
- ☐ c. @javax.ws.rs.MatrixParam
- ☒ d. @javax.ws.rs.QueryParam



Marked out of 1  
Flag question

Select one:

- ☐ a. NotAllowedException
- ☒ b. BadRequestException
- ☐ c. NotAuthorizedException
- ☐ d. ForbiddenException

Question 60

Not yet answered

Marked out of 1

Flag question

If a client mistypes the request URI, it will result in the server not finding a JAX-RS resource method that can service the request. In that case choose the http response code that will be sent back to the client.

Select one:

- ☒ a. 404, "Not Found"
- ☐ b. 204, "No Content,"
- ☐ c. 200, "OK,"
- ☐ d. 406, "Not Acceptable"

PREVIOUS PAGE

FINISH ATTEMPT ...

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z navigation

2	3	4	5	6
8	9	10	11	12
14	15	16	17	18
20	21	22	23	24
26	27	28	29	30
32	33	34	35	36
38	39	40	41	42
44	45	46	47	48
50	51	52	53	54
56	57	58	59	60

Question 21

Answer saved

Marked out of 1

Flag question

Choose the order in which the server would interpret the client preference.

- I. text/\*;q=0.9
- II. \*/\*;q=0.1
- III. audio/mpeg
- IV. application/xml;q=0.5

Select one:

- ☐ a. IV -> III -> II -> I
- ☒ b. III -> I -> II -> IV
- ☐ c. III -> II -> I -> IV
- ☐ d. III -> I -> IV -> II

Question 22

Answer saved

Marked out of 1

Flag question

If the WebTarget represents a URI template, which method can be used to fill in the variables defined in the template?

Select one:

- ☒ a. resolveTemplate
- ☐ b. matrixParam
- ☒ c. queryParam
- ☐ d. path

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**Question 58**

Not yet answered

Marked out of 1

Flag question

If the client invokes an HTTP method on a valid URI to which no JAX-RS resource method is bound, Choose the error code JAX-RS runtime will send.

Select one:

- ☐ a. 406, "Not Acceptable"
- ☐ b. 400, "Bad Request"
- ☐ c. 404, "Not Found"
- ☒ d. 405, "Method Not Allowed"

**Question 59**

Not yet answered

Marked out of 1

Flag question

Choose the exception thrown when a PUT or POST request has submitted malformed XML or JSON that the `MessageBodyReader` fails to parse.

Select one:

- ☐ a. `NotAllowedException`
- ☒ b. `BadRequestException`
- ☐ c. `NotAuthorizedException`
- ☐ d. `ForbiddenException`

**Question 60**

Not yet answered

If a client mistypes the request URI, it will result in the server not finding a JAX-RS resource method that can service the request. In that case choose the http response code that will be sent back to the client.

**Question 16**

Answer saved

Marked out of 1

Flag question

```
@Path("/customers")
public class CustomerResource {
    @GET
    @Path("/{id}")
    @Produces("application/xml")
    public Customer getCustomerXml(@PathParam("id") int id) {...}
    @GET
    @Path("/{id}")
    @Produces("text/plain")
    public String getCustomerText(@PathParam("id") int id) {...}
    @GET
    @Path("/{id}")
    @Produces("application/json")
    public Customer getCustomerJson(@PathParam("id") int id) {...}
}
```

let's say a client made this request:  
GET `http://example.com/customers/1`  
Accept: `application/xml;q=0.5, application/json;q=1.0`

Choose the method the JAX-RS provider would dispatch this request to.

Select one:

- ☒ a. `getCustomerJson`
- ☐ b. None of the listed options
- ☐ c. `getCustomerXml`
- ☐ d. `getCustomerText`

**Question 26**

Answer saved

Marked out of 1

Flag question

In JAX-RS Client API, client interface is used to manage the global configuration and the underlying socket connections to communicate with a service. State True or False

Select one:

- ☒ True
- ☐ False

**Question 27**

Answer saved

Marked out of 1

Flag question

While creating JAX-RS client, choose the interface that represents a URI template.

Select one:

- ☐ a. ClientBuilder
- ☐ b. Client
- ☐ c. Invocation Builder
- ☒ d. WebTarget

**Question 28**

Not yet answered

Marked out of 1

Flag question

Choose the method to create a client instance with The ClientBuilder class.

Select one:

- ☒ a. ClientBuilder.newClient()
- ☐ b. Client.newClient()
- ☐ c. Configurable.newClient()
- ☐ d. ClientBuilder.Client()

**Question 12**

Not yet answered

Marked out of 1

Flag question

Choose the simple class that the JAX-RS specification provides to represent the Cache-Control header.

Select one:

- ☒ a. javax.ws.rs.core.CacheControl
- ☐ b. javax.ws.rs.core.Cache
- ☐ c. javax.ws.rs.core.CacheControlHeaders
- ☐ d. javax.ws.rs.core.Cookie

**Question 13**

Not yet answered

Marked out of 1

Flag question

Choose the simple class that the JAX-RS specification provides that represents the ETag header

Select one:

- ☐ a. javax.ws.rs.core.CacheControl
- ☐ b. javax.ws.rs.core.ElementTag
- ☐ c. javax.ws.rs.core.Cookie
- ☒ d. javax.ws.rs.core.EntityTag

**Question 14**

Answer saved

Marked out of 1

Flag question

Choose the option from the directives of Cache-Control header that no shared intermediary (proxy or CDN) is allowed to cache the response. To make sure that the client, and only the client, caches the data.

Select one:

- ☐ a. private



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**Question 14**  
Answer saved  
Marked out of 1  
Flag question

Choose the option from the directives of Cache-Control header that no shared intermediary (proxy or CDN) is allowed to cache the response. To make sure that the client, and only the client, caches the data.

Select one:

- ☒ a. private
- ☐ b. no-store
- ☐ c. no-cache
- ☐ d. public

**Question 15**  
Not yet answered  
Marked out of 1  
Flag question

Identify the option from the directives of Cache-Control header which indicates that the response should not be cached. If it is cached anyway, the data should not be used to satisfy a request unless it is revalidated with the server.

Select one:

- ☐ a. s-maxage
- ☐ b. no-transform
- ☒ c. no-cache
- ☐ d. no-store

**Question 16**  
Answer saved

@Path("/customers")  
public class CustomerResource {

**Question 11**  
Answer saved  
Marked out of 1  
Flag question

Identify response message for the following requirements:  
1. Only the Client may cache the response  
2. This response is valid for 300 seconds and must not be stored on disk."

Select one:

- ☐ a. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: public, no-store, max-age=300 <customers>...</customers>
- ☒ b. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: private, no-store, max-age=300 <customers>...</customers>
- ☐ c. HTTP/1.1 200 OK Content-Type: application/xml Expires: Tue, 15 May 2014 16:00 GMT <customer id="123">...</customer>
- ☐ d. HTTP/1.1 200 OK Content-Type: application/xml Cache-Control: private, no-store, max-age=300000 <customers>...</customers>

**Question 12**  
Not yet answered  
Marked out of 1  
Flag question

Choose the simple class that the JAX-RS specification provides to represent the Cache-Control header.

Select one:

- ☒ a. javax.ws.rs.core.CacheControl
- ☐ b. javax.ws.rs.core.Cache
- ☐ c. javax.ws.rs.core.CacheControlHeaders
- ☐ d. javax.ws.rs.core.Cookie



- ☐ c. getCustomerXml  
☐ d. getCustomerText

**Question 17**

Answer saved

Marked out of 1

Flag question

Choose the method that contains a list of media types defined in the HTTP's request Accept header. It is prepared and represented as `javax.ws.rs.core.MediaType`.

Select one:

- ☐ a. `getMediaTypes()`  
☐ b. `getAcceptableMediaType()`  
☒ c. `getAcceptableMediaTypes()`  
☐ d. `getMediaType()`

**Question 18**

Answer saved

Marked out of 1

Flag question

Choose from the following options where media type means any text format.

Select one:

- ☐ a. `GET http://example.com/stuff Accept: text/^, text/html;level=1`  
☐ b. `GET http://example.com/stuff Accept: text/#, text/html;level=1`  
☐ c. `GET http://example.com/stuff Accept: text/$, text/html;level=1`  
☒ d. `GET http://example.com/stuff Accept: text/*, text/html;level=1`

**Question 19**

Answer saved

For example:  
`GET http://example.com/stuff`  
`Accept: text/*;q=0.9,*/*;q=0.1,audio/mpeg,application/xml;q=0.5`

**Question 56**

Not yet answered

Marked out of 1

Flag question

Choose the helper class used if JAXB handler needs to extract parameterized type information of the generic type of the response entity.

Select one:

- ☐ a. `javax.ws.rs.core.Response`  
☐ b. `javax.ws.rs.core.Response.Status`  
☐ c. `javax.ws.rs.core.Response.ResponseBuilder`  
☒ d. `javax.ws.rs.core.GenericEntity`

**Question 57**

Not yet answered

Marked out of 1

Flag question

Codes in the 500 range are considered:

Select one:

- ☐ a. redirection category  
☐ b. client errors category  
☒ c. server errors category  
☐ d. successful category

**Question 58**

Not yet answered

Marked out of 1

If the client invokes an HTTP method on a valid URI to which no JAX-RS resource method is bound, Choose the error code JAX-RS runtime will send.

Select one: