**Web Services**

**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**

**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**

**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

**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

**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

**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

**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

**Q.** State whether True or False:  
  
Statement 1: '@Path annotaion can be used on class level in a POJO class  
Statement 2: '@Path annotaion 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

**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**

**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 : arbitary 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 : arbitary 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 : arbitary name for the web service

**4)**. URL given is in incorrect format