1. Which one is the standard way to access body from exchange?
   1. Employee employee = exchange.getIn.getBody(Employee.class);
   2. Employee employee = (Employee)exchange.getIn.getBody();
2. Which is the standard way to check whether an object is an instance of a specific class?
   1. data.get(i) instanceof com.capgemini.Employee
   2. data.get(i).getClass().equals(com.capgemini.Employee.class)
3. Application provisioning in Fuse is possible through:
   1. File-drop
   2. Maven repository
   3. Remote download (http://)
   4. All of these
4. Please read following statements carefully and choose a suitable answer.
5. Only those sub packages under java.\* package are imported by default.
6. All other packages must be imported explicitly.
7. All the packages including java.\* are imported explicitly.
8. All the packages including java.\* are imported implicitly.
9. Statement (i) is true
10. Statement (i) and (ii) are true
11. Statement (iii) is true
12. Statement (iv) is true
13. What is the purpose of following statement:

Import-Package:org.apache.commons.logging;version=”[1.0.4,1.1)”

1. Version range on import package indicates any commons.logging bundle with version =1.0.4 or greater, but not equal to 1.1
2. Version range on import package indicates any commons.logging bundle with version =1.0.4 or greater, but not greater than 1.1
3. Version range on import package indicates any commons.logging bundle with version greater than 1.0.4 , but not equal to 1.1
4. Version range on import package indicates any commons.logging bundle with version greater than 1.0.4 , but not greater than 1.1
5. Please read following statements regarding bundle activators carefully and choose one suitable answer :
6. There is one-and only one bundle activator per bundle
7. Bundle activator is instantiated when the bundle is started
8. Bundle activator does not take any dependencies into account
9. Bundle activators must implement org.osgi.framework.BundleActivator
10. All of these are true
11. Only (i) is true
12. Only (iii) is false
13. Only (ii) is true
14. Please select one valid answer:
    * 1. To maintain collections of bundles, even nesting of the structures, we use Features.
      2. Features are defined in xml files which are stored in feature repositories
      3. To list the currently available features XML repositories available within the Fuse instance, we use **features:listurl** command.
15. (i) is true
16. (iii) is true
17. All are true
18. All are false
19. Choose an answer after going through following statements
    1. Java class loading is tree based mechanism to load classes into memory
    2. OSGI class loading is graph based mechanism to load classes into memory
    3. OSGI class loading is tree based mechanism to load classes into memory
    4. Java class loading is graph based mechanism to load classes into memory
20. Only (i) and (ii) are true
21. Only (iii) and (iv) are true
22. Only (i) is true
23. Only (iv) is true
24. Which bundle state ensures that bundle is available to do work
    1. Resolved
    2. Active
    3. Installed
    4. Starting
25. Please read following statements carefully and select an answer
    1. Processors can be invoked synchronously as well as asynchronously
    2. There is a thread pool for each route in order to trigger the processing asynchronously
    3. If the processing is synchronous, the execution will made in unique thread.
    4. If the processing is asynchronous, the execution will be made with multiple threads.
    5. (i) is correct
    6. (i), (iii) and (iv) are correct
    7. (i) and (ii) are correct
    8. All are correct
26. What are routes in Apache Camel?
27. Camel is its routing engine.
28. Used for allocates messages based on the related routes.
29. contains flow and integration logic.
30. implemented using EIPs and a specific DSL.
31. All of the above
32. What is an exchange in Apache camel?
33. Contains message to be routed.
34. It is the message holder.
35. Apache camel uses Message Exchange Patterns(MEP).
36. Apache camel exchange can hold any kind of message of certain types ONLY
37. supports a variety of formats like xml, JSON etc.
38. I, II, III, and V
39. All of the above
40. What do you need to do to enable CamelSpringTestSupport
41. Option 1

Enable **<dependency>**

**<groupId>org.apache.camel</groupId>**

**<artifactId>camel-test-spring</artifactId>**

**<version>2.13.0</version>**

**<scope>test</scope>**

**</dependency>**

1. Option 2

Enable <dependency>

<groupId>org.apache.camel</groupId>

<artifactId>camel-spring</artifactId>

<version>2.13.0</version>

</dependency>

1. Option 3

<dependency>

<groupId>org.apache.camel</groupId>

<artifactId>camel-core</artifactId>

<version>2.13.0</version>

</dependency>

1. All of the Above

1. What are the different deployment capabilities offered by Karaf
   1. Mvn
   2. File
   3. Http
   4. Wrap
   5. JBI
   6. All of the above
2. What are the different component model supported by Jboss Fuse
   1. OSGI
   2. Spring Beans
   3. Servlets
   4. Came Routes
   5. CXF WebServices
   6. JBI
   7. EJB
   8. All of the above
3. What do you need to deploy EIP on JBoss Fuse
   1. Deploy Core Karaf Runtime
   2. Deploy Karaf Runtime + Camel Feature
   3. Deploy Karaf Runtime + Camel Feature + CXF Feature
   4. I and II
   5. I, II and II