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**TH-7023-Sem 4-Creating Services with
the Web's report**

Submitted on Oct 28 2023 17:13:40 IST

**11.0 (55%)**

scored out of 20

**Passed**in the assignment (Cut-off score \geq 40%)**16**

problems attempted out of 16

Test time analysis

**12m 59s**

time taken for completion

**Oct 27 2023 09:23:27 IST**

test invite time

**Oct 28 2023 17:00:40 IST**

test start time

**Oct 28 2023 17:13:40 IST**

test end time

Performance summary

**8**

solutions accepted

**8**

solutions rejected

Solutions

Problem Name	Problem Type	Status	Score
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 2
Jakarta Web Services	MCQ	ACCEPTED	1.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	ACCEPTED	1.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	REJECTED	0.0 / 1
Jakarta Web Services	MCQ	ACCEPTED	1.0 / 1
Jakarta Web Services	MCQ	ACCEPTED	2.0 / 2
Jakarta Web Services	MCQ	ACCEPTED	2.0 / 2
Jakarta Web Services	MCQ	ACCEPTED	1.0 / 1
Jakarta Web Services	MCQ	ACCEPTED	1.0 / 1
Jakarta Web Services	MCQ	ACCEPTED	2.0 / 2
Jakarta Web Services	MCQ	REJECTED	0.0 / 1

Detailed Report

Problem 1 : Jakarta Web Services

MCQ

SCORE: 1

Which annotation specifies that the instance is live when the application is active?

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

@RequestScoped

@Dependent

@ApplicationScoped

CORRECT ANSWER

@Inject

Problem 2 : Jakarta Web Services

MCQ

SCORE: 2

What adds a layer of conventions and pre-built functionality through plugins, making it simple to develop common project types, such as Java libraries?

Solution

REJECTED

SCORE: 0.0 / 2

Gradle	CORRECT ANSWER
Jersey	
Pom.xml	
CANDIDATE'S ANSWER	
Maven	

Problem 3 : Jakarta Web Services

MCQ

SCORE: 1

Which type of Web services can be created by the developer using JAX-WS?

Solution

ACCEPTED

SCORE: 1.0 / 1

Message oriented Web services	
RPC-oriented Web services	
CANDIDATE'S ANSWER Both A and B	CORRECT ANSWER
None of these	

Problem 4 : Jakarta Web Services

MCQ

SCORE: 1

What can we represent by @XmlRootElement annotation?

Solution

REJECTED

SCORE: 0.0 / 1

CORRECT ANSWER

Root of the generated XML file

File starting element

Java root object

CANDIDATE'S ANSWER

Root class of Java

Problem 5 : Jakarta Web Services

MCQ

SCORE: 1

Which is the standardized API for creating and consuming SOAP Web Services?

Solution

REJECTED

SCORE: 0.0 / 1

CORRECT ANSWER

JAX-WS

CANDIDATE'S ANSWER

JP-RS

JAX-RS

JAX

Problem 6 : Jakarta Web Services

MCQ

SCORE: 1

Which of the following tracks the JAX-RS API and regularly release Reference Implementations of production quality that ship with Glassfish?

Solution

ACCEPTED

SCORE: 1.0 / 1

CANDIDATE'S ANSWER	CORRECT ANSWER
Jersey	
Gradle	
Maven	
Pom.xml	

Problem 7 : Jakarta Web Services

MCQ

SCORE: 1

Business methods that are exposed to the Web service client must be annotated with _____.

Solution

REJECTED

SCORE: 0.0 / 1

@Inject

@WebMethod

CORRECT ANSWER

CANDIDATE'S ANSWER

@RequestScoped

@Dependent

Problem 8 : Jakarta Web Services

MCQ

SCORE: 1

Which of the following is implemented by using either an EJB endpoint or using servlet endpoint?

Solution

REJECTED

SCORE: 0.0 / 1

JAX-RS	
JAX-WS	CORRECT ANSWER
CANDIDATE'S ANSWER JAXB	
None of these	

Problem 9 : Jakarta Web Services

MCQ

SCORE: 1

In which Java service are the Web services accessed using Uniform Resource Identifiers (URI) and are represented as resources?

Solution

REJECTED

SCORE: 0.0 / 1

JAX-RS	CORRECT ANSWER
CANDIDATE'S ANSWER JAX-WS	
JPRS	
JAXB	

Problem 10 : Jakarta Web Services

MCQ

SCORE: 1

Which of the following tool is a software development automation tool, renowned for its adaptability?

Solution

ACCEPTED

SCORE: 1.0 / 1

Ansible	
Code Climate	
CANDIDATE'S ANSWER	CORRECT ANSWER
Gradle	
Maven	

Problem 11 : Jakarta Web Services

MCQ

SCORE: 2

Gradle can create automation in which of the following language/languages?

Solution

ACCEPTED

SCORE: 2.0 / 2

Android

C

Java

CANDIDATE'S ANSWER

All of these

CORRECT ANSWER

Problem 12 : Jakarta Web Services

MCQ

SCORE: 2

Which dependency attribute should be used in pom.xml to define JAXB Runtime Dependency?

1. groupId
2. artifactId
3. version
4. type

Solution

ACCEPTED

SCORE: 2.0 / 2

1, 2, 3

CANDIDATE'S ANSWER

1, 2, 3, 4

CORRECT ANSWER

1, 2

1, 3, 4

Problem 13 : Jakarta Web Services

MCQ

SCORE: 1

Which filter type of plug-in gives the developer access to all JAX-RS messages passing through a CXF client or server?

Solution

ACCEPTED

SCORE: 1.0 / 1

CANDIDATE'S ANSWER	CORRECT ANSWER
JAX-RS Filters	
POJO-RS Filters	
JP-RS Filters	
JAX-WS Filter	

Problem 14 : Jakarta Web Services

MCQ

SCORE: 1

Which of the following is mostly used in smartphone apps and for purposes such as Web Integration?

Solution

ACCEPTED

SCORE: 1.0 / 1

JAX-WS	
CANDIDATE'S ANSWER	CORRECT ANSWER
JAX-RS	
POJO	
JP-RS	

Problem 15 : Jakarta Web Services

MCQ

SCORE: 2

Identify the missing line in the code snippet that demonstrates the use of @Path annotation with the URI template applied at class level to access the Web service class deployed on the Web server.

```
import javax.ws.rs.Path;
```

```
import javax.ws.rs.Produces;
```

```
import javax.ws.rs.GET;
```

```
public class Welcome{
```

```
@GET
```

```
@Produces(MediaType.TEXT_PLAIN)
```

```
public String sayPlainTextWelcome(){
```

```
    return "Welcome to the Learning Portal";
```

```
}
```

```
}
```

Solution

ACCEPTED

SCORE: 2.0 / 2

```
@Path("application")
```

```
@Path({"application/xml", "application/json"})
```

CANDIDATE'S ANSWER

```
@Path("/welcome")
```

CORRECT ANSWER

```
@Path("text/html")
```

Problem 16 : Jakarta Web Services

MCQ

SCORE: 1

Which interface is exposed by Jersey?

Solution

REJECTED

SCORE: 0.0 / 1

CORRECT ANSWER

Service Provider Interface

CANDIDATE'S ANSWER

Service Requestor Interface

Application Programming Interface

Application Service Interface