

INTEGRASI APLIKASI ENTERPRISE SI-44-02 [NIU]

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Started on Friday, 5 May 2023, 1:09 PM

State Finished

Completed on Friday, 5 May 2023, 1:18 PM

Time taken 9 mins 20 secs

Marks 11.00/11.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Mekanisme apa yang bisa kita gunakan untuk komunikasi antara service dimana kita dapat memilih data apa saja yang mau diambil dalam query

Select one:

- ☐ A.
Rest API
- ☐ B.
XML-RPC
- ☒ C.
GraphQL ✓
- ☐ D.
JSON-RPC

Your answer is correct.

The correct answer is:
GraphQL

Question **2**

Correct

Mark 1.00 out of 1.00

Format data apa yang menggunakan binary format yang lebih compact dari XML dan JSON yang digunakan pada protokol grpc

Select one:

- ☐ A.
Latex
- ☐ B.
XML
- ☒ C.
Protobuf (Protocol Buffer) ✓
- ☐ D.
JSON

Your answer is correct.

The correct answer is:
Protobuf (Protocol Buffer)

Question **3**

Correct

Mark 1.00 out of 1.00

Mana yg secara default menerapkan mekanisme asynchronous dalam proses komunikasi

Select one:

- ☐ A.
request - reply
- ☒ B.
publish - subscribe ✓
- ☐ C.
peer to peer

Your answer is correct.

The correct answer is:
publish - subscribe

Question 4

Correct

Mark 1.00 out of 1.00

Secara performansi mana yang lebih baik dalam menangani jumlah pengiriman yang banyak

Select one:

- ☐ A.
XML-RPC
- ☐ B.
Rest API
- ☒ C.
kafka ✓
- ☐ D.
rabbitmq

Your answer is correct.

The correct answer is:
kafka

Question 5

Correct

Mark 1.00 out of 1.00

Design pattern apa yang biasa digunakan untuk membangun aplikasi microservice berbasis event-driven?

Select one:

- ☒ A.
publish - subscribe ✓
- ☐ B.
peer to peer
- ☐ C.
point to point
- ☐ D.
request - reply

Your answer is correct.

The correct answer is:
publish - subscribe

Question 6

Correct

Mark 1.00 out of 1.00

Yang merupakan JSON object

Select one:

- ☒ A.
{ "id": "tx-00001" } ✓
- ☐ B.
object
- ☐ C.
<txid>1</txid>
- ☐ D.
[1, 2, 3, 4]

Your answer is correct.

The correct answer is:

{ "id": "tx-00001" }

Question 7

Correct

Mark 1.00 out of 1.00

Format data apa yang lebih ringkas dan dan lebih compact dari XML

Select one:

- ☐ A.
XML
- ☒ B.
JSON ✓
- ☐ C.
HTML

Your answer is correct.

The correct answer is:

JSON

Question 8

Correct

Mark 1.00 out of 1.00

Yang mana merupakan XML element?

Select one:

- ☒ A.
 <person name="John" age="30" /> ✓
- ☐ B.
 {"name": "John", "age": 30}

Your answer is correct.

The correct answer is:

<person name="John" age="30" />

Question 9

Correct

Mark 1.00 out of 1.00

Dari xml berikut, tunjukan yang merupakan root element

```
<book>
<title>Harry Potter and the Philosopher's Stone</title>
<author>J.K. Rowling</author>
<year>1997</year>
</book>
```

Select one:

- ☐ A.
 <author>
- ☒ B. <book> ✓
- ☐ C.
 <title>
- ☐ D.
 <year>

Your answer is correct.

The correct answer is: <book>

Question 10

Correct

Mark 1.00 out of 1.00

Di pilihan mana yang terdapat XML attribut

Select one:

- ☒ A.
<student id="123"/> ✓
- ☐ B.
{"name": "Andi"}
- ☐ C.
<root></root>

Your answer is correct.

The correct answer is:

<student id="123"/>

Question 11

Correct

Mark 1.00 out of 1.00

Yang mana merupakan JSON array

Select one:

- ☐ A.
<root/>
- ☐ B.
{"name": "John"}
- ☒ C.
["John", "Andi"] ✓
- ☐ D.
<root></root>

Your answer is correct.

The correct answer is:

["John", "Andi"]

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