|  |  |
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|  |  |
| **Started on** | Monday, 12 July 2021, 3:01 PM |
| **State** | Finished |
| **Completed on** | Thursday, 1 January 1970, 5:30 AM |
| **Time taken** | 51 years 205 days |
| **Marks** | 6.00/30.00 |
| **Grade** | **20.00** out of 100.00 |

Question **1**

Correct

Mark 1.00 out of 1.00

Question text

Deployment Environment such as Kubernetes run a proxy that play a role of service side discovery load balancer.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=19)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=19&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| [2](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=19&step=1) | 12/07/21, 15:05 | Saved: True | Answer saved |  |
| **3** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **2**

Correct

Mark 1.00 out of 1.00

Question text

Microservices in an application helps to integrate third-party services easily.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=6)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=6&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| [2](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=6&step=1) | 12/07/21, 15:05 | Saved: True | Answer saved |  |
| **3** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **3**

Correct

Mark 1.00 out of 1.00

Question text

Proxy service to route a request to the concerned microservice will be performed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ design pattern

Select one:

API Gateway

Circuit Breaker

CQRS

Chain of Responsibility

Feedback

The correct answer is: API Gateway

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=16)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=16&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| [2](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=16&step=1) | 12/07/21, 15:05 | Saved: API Gateway | Answer saved |  |
| **3** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **4**

Correct

Mark 1.00 out of 1.00

Question text

CQRS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Select one:

Command Query Responsibility Segregation

Command Query Responsibility Service

Command Query Responsibility Separation

Client Query Responsibility Service

Feedback

The correct answer is: Command Query Responsibility Segregation

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=15)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=15&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| [2](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=15&step=1) | 12/07/21, 15:05 | Saved: Command Query Responsibility Segregation | Answer saved |  |
| **3** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **5**

Incorrect

Mark 0.00 out of 1.00

Question text

Which among the following are disadvantages of Monolithic applications

Select one:

Cannot deploy a specific module

All the Options Listed

Increase in overall development time

Tied together

Feedback

The correct answer is: All the Options Listed

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=10)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=10&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| [2](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=10&step=1) | 12/07/21, 15:05 | Saved: Cannot deploy a specific module | Answer saved |  |
| **3** | **12/07/21, 19:08** | **Attempt finished** | **Incorrect** | **0.00** |

Question **6**

Correct

Mark 1.00 out of 1.00

Question text

Which of the following is NOT an essential principle of microservices?

Select one:

Isolate failure

Tightly coupled

Consumer first

Modelled around business domain

Feedback

The correct answer is: Tightly coupled

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=27)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=27&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **7**

Incorrect

Mark 0.00 out of 1.00

Question text

Which among the following options are correct about microservices communication.  
  
a. HTTP is used to move data between microservices.  
b. REST (Light weight protocol) is used to move data between microservices.

Select one:

None of them

b

a

Both a&b

Feedback

The correct answer is: Both a&b

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=3)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=3&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Incorrect** | **0.00** |

Question **8**

Not answered

Marked out of 1.00

Question text

What are the correct statements about Microservices among the list?

Select one:

Microservices cannot interact with other microservices

All the Options Listed

Microservices are platform dependent

Microservices can have unique URLs or names

Feedback

The correct answer is: Microservices can have unique URLs or names

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=5)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=5&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **9**

Correct

Mark 1.00 out of 1.00

Question text

SOA components are tightly coupled.  
  
State whether the above statement is TRUE or FALSE.

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=29)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=29&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Correct** | **1.00** |

Question **10**

Not answered

Marked out of 1.00

Question text

Which among the following options are correct about Microservices  
a. Enables you to deploy independent services.  
b. Failure of a single module will not affect the large applications.  
c. Adapting new Techology & Process is easy.  
d. All of the above.

Select one:

d

b&c

a&c

a&b

Feedback

The correct answer is: d

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=2)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=2&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **11**

Not answered

Marked out of 1.00

Question text

Distributed Logging and Dashboards are easier to debug the problems in Microservices.

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=1)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=1&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **12**

Not answered

Marked out of 1.00

Question text

Which of the following is NOT a safety property featured by CAP theorem

Select one:

Consistency

Availability

Partition Tolerance

Maintainability

Feedback

The correct answer is: Maintainability

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=17)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=17&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **13**

Not answered

Marked out of 1.00

Question text

How many layers are there in the SOA architecture?

Select one:

More than 10

1

3

2

Feedback

The correct answer is: 2

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=25)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=25&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **14**

Not answered

Marked out of 1.00

Question text

Which among the following are the best practices to design Microservices?  
  
a. Treat servers as stateless  
b. Deploy into containers  
c. Separate data store for each Microservice  
d. All of the above

Select one:

Only c

a & b

a & c

d

Feedback

The correct answer is: d

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=23)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=23&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **15**

Not answered

Marked out of 1.00

Question text

Microservices should not allow other Microservice to change/read its data directly.  
  
State whether the above statement is TRUE or FALSE.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=7)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=7&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **16**

Not answered

Marked out of 1.00

Question text

REST stands for \_\_\_\_\_\_\_\_\_\_

Select one:

None of the options mentioned

Responsive State Transition

Representational State Transfer

Reactive State Transformation

Feedback

The correct answer is: Representational State Transfer

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=30)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=30&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **17**

Not answered

Marked out of 1.00

Question text

State whether the following statement with respect to the Chain of Responsibility design pattern is TRUE or FALSE  
  
In the Chain of Responsibility design pattern all classes in the chain handles the request

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=22)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=22&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **18**

Not answered

Marked out of 1.00

Question text

Drawback of using Chain of Responsibility pattern is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Select one:

No drawback is there

Initial service result will be replaced by the later one.

Many service request are required.

Services have to wait for long time as synchronous request is taken place.

Feedback

The correct answer is: Services have to wait for long time as synchronous request is taken place.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=8)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=8&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **19**

Not answered

Marked out of 1.00

Question text

What are microservices?

Select one:

Middleware

Web Service

Architectural Style

Software Framework

Feedback

The correct answer is: Architectural Style

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=24)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=24&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **20**

Not answered

Marked out of 1.00

Question text

CQRS integrated Microservices will have modules that uses separate databases.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=13)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=13&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **21**

Not answered

Marked out of 1.00

Question text

State whether the following statement is TRUE or FALSE.  
  
Monolithic applications are faster when compare to Microservices.

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=28)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=28&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **22**

Not answered

Marked out of 1.00

Question text

One Microservices can contain multiple services within it.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=9)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=9&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **23**

Not answered

Marked out of 1.00

Question text

Full form of ELB is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Select one:

Entry Load Balancer

Enquiry Load Balancer

None of the options Listed

Elastic Load Balancer

Feedback

The correct answer is: Elastic Load Balancer

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=11)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=11&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **24**

Not answered

Marked out of 1.00

Question text

Heartbeat requests will be placed with the service registry to prevent service registration from expiring.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=18)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=18&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **25**

Not answered

Marked out of 1.00

Question text

Microservices has a collection of small autonomous services which helps to run the system even if one service of the application does not work.

Select one:

True

False

Feedback

The correct answer is 'True'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=4)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=4&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **26**

Not answered

Marked out of 1.00

Question text

In SOA, Service is meant by \_\_\_\_\_\_\_\_\_\_\_

Select one:

Network service

Application service

Business service

None of the options mentioned

Feedback

The correct answer is: Business service

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=26)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=26&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **27**

Not answered

Marked out of 1.00

Question text

State whether the following statement is TRUE or FALSE.  
  
Microservices does not support agile development.

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=14)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=14&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **28**

Not answered

Marked out of 1.00

Question text

Which of the following is NOT true regarding Containers

Select one:

A container is a useful resource allocation and sharing technology.

A container is allowed to use all of the CPU or RAM.

A typical container contains app code, run time, system tools, libraries and dependencies that are required for any application to run efficiently.

Containers are a lightweight, efficient and standard way for applications to move between environments and run independently.

Feedback

The correct answer is: A container is allowed to use all of the CPU or RAM.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=21)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=21&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **29**

Not answered

Marked out of 1.00

Question text

Which of the following is an essential principle of microservices?

Select one:

Isolate failure

All the Options Listed

Modelled around business domain

Loosely coupled

Feedback

The correct answer is: All the Options Listed

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=20)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=20&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |

Question **30**

Not answered

Marked out of 1.00

Question text

An application can be migrated to Microservices even though Agile or DevOps practices are not implemented.

Select one:

True

False

Feedback

The correct answer is 'False'.

Comments

[Make comment or override mark](https://cognizant.tekstac.com/mod/quiz/comment.php?attempt=454161&slot=12)

Response history

| **Step** | **Time** | **Action** | **State** | **Marks** |
| --- | --- | --- | --- | --- |
| [1](https://cognizant.tekstac.com/mod/quiz/reviewquestion.php?attempt=454161&slot=12&step=0) | 12/07/21, 15:01 | Started | Not yet answered |  |
| **2** | **12/07/21, 19:08** | **Attempt finished** | **Not answered** |  |