

RIZ MUGHAL

QUIZ MASTER

Grand Quiz(CS504)

100% correct solution.

For more information you can visit my channel and for any type of help related to CS619 you can contact me.



YOUTUBE CHANNEL:

<https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists>

FACEBOOK GROUP:

<https://www.facebook.com/groups/923887914750307>

CS504:Grand Quiz

Question # 1 of 30 (Start time: 02:15:58 AM, 26 December 2020)

Coupling is a measure of _____ of a module or component.

Select the correct option

<input checked="" type="radio"/>	Independence
<input type="radio"/>	Dependence
<input type="radio"/>	Aggregation
<input type="radio"/>	Composition

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Question # 2 of 30 (Start time: 02:16:17 AM, 26 December 2020)

_____ relationship is concerned with classes not with the class instantiates.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Association |
| <input checked="" type="radio"/> | Inheritance |
| <input type="radio"/> | Aggregation |
| <input type="radio"/> | Composition |

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Question # 3 of 30 (Start time: 02:16:33 AM, 26 December 2020)

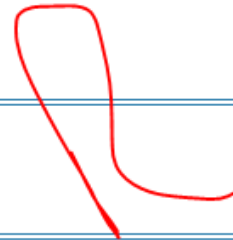
Total M

In _____ phase of software development, Requirement Engineer focuses on realizing the Business Object of an under developed product.

Select the correct option

<input type="radio"/>	Maintenance
<input type="radio"/>	Development
<input checked="" type="radio"/>	Definition
<input type="radio"/>	Vision

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Question # 4 of 30 (Start time: 02:16:48 AM, 26 December 2020)

_____ requirements cause frequent modifications in user interface.

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Functional |
| <input type="radio"/> | Non-functional |
| <input checked="" type="radio"/> | Unstable |
| <input type="radio"/> | User |

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Question # 5 of 30 (Start time: 02:17:02 AM, 26 December 2020)

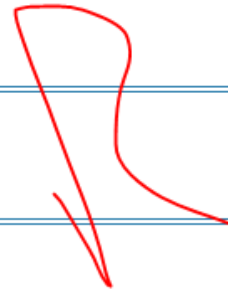
Total Ma

In object oriented approach, _____ are the people and organizations that take part in the system under consideration.

Select the correct option

- Actors
- Places
- Participants
- Tangible things

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Question # 6 of 30 (Start time: 02:17:16 AM, 26 December 2020)

Normally a System will be more easy to modify if its modules have:

Select the correct option

- | | |
|----------------------------------|----------------------------------|
| <input type="radio"/> | High coupling and High cohesion. |
| <input type="radio"/> | High coupling and Low cohesion. |
| <input checked="" type="radio"/> | Low coupling and High cohesion. |
| <input type="radio"/> | Low coupling and Low Cohesion. |

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Question # 7 of 30 (Start time: 02:17:29 AM, 26 December 2020)

In use case diagram, the scope of the system is defined by:

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Actor |
| <input type="radio"/> | Entity |
| <input checked="" type="radio"/> | System Boundary |
| <input type="radio"/> | "Extends" relationship |

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Question # 8 of 30 (Start time: 02:17:47 AM, 26 December 2020)

An object model of a system captures the _____ structure of a system.

Select the correct option

<input checked="" type="radio"/>	static
<input type="radio"/>	dynamic
<input type="radio"/>	iterative
<input type="radio"/>	Hierarchical

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Question # 9 of 30 (Start time: 02:18:00 AM, 26 December 2020)

OOD results in a design that achieves a number of different levels of _____.

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | Operation |
| <input type="radio"/> | Event |
| <input checked="" type="radio"/> | Modularity |
| <input type="radio"/> | Process |

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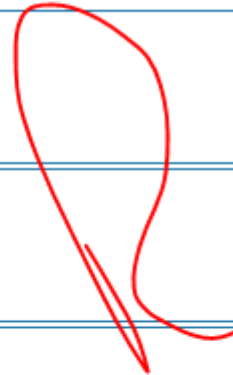
Question # 10 of 30 (Start time: 02:18:14 AM, 26 December 2020)

_____ has become a standard notation for object oriented system modeling.

Select the correct option

- | | |
|----------------------------------|----------------------------------|
| <input checked="" type="radio"/> | UML |
| <input type="radio"/> | C++ |
| <input type="radio"/> | OCL (object Constraint Language) |
| <input type="radio"/> | Java |

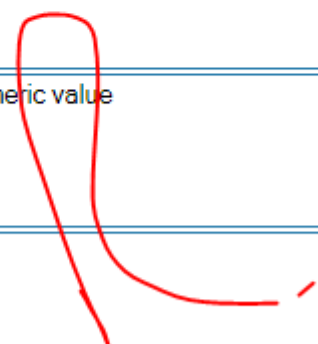
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Question # 11 of 30 (Start time: 02:18:31 AM, 26 December 2020)

In Collaboration diagrams, sequence of messaging is shown by _____.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Ordering of the messages in time |
| <input checked="" type="radio"/> | Numbering each message in an increasing order of numeric value |
| <input type="radio"/> | Vertical ordering of messages |
| <input type="radio"/> | Horizontal ordering of the messages |
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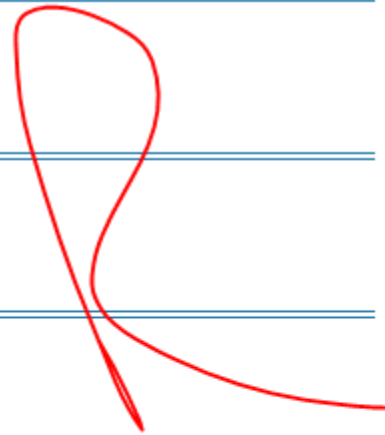
Question # 12 of 30 (Start time: 02:18:46 AM, 26 December 2020)

How can we implement generalization in Object Oriented programming languages?

Select the correct option

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | Polymorphism |
| <input type="radio"/> | Encapsulation |
| <input type="radio"/> | Abstraction |
| <input checked="" type="radio"/> | Inheritance |

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Question # 13 of 30 (Start time: 02:19:02 AM, 26 December 202

Which of the following is not part of software architecture?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | databases |
| <input type="radio"/> | data design |
| <input type="radio"/> | program structure |
| <input checked="" type="radio"/> | algorithm details |

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Question # 14 of 30 (Start time: 02:19:15 AM, 26 December 2020)

Total Marks: 1

In object oriented design, _____ layer contains the data structures and algorithmic design for all attributes and operations for each object.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Subsystem |
| <input type="radio"/> | Class and Object |
| <input type="radio"/> | Message |
| <input checked="" type="radio"/> | Responsibility |

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Question # 15 of 30 (Start time: 02:19:32 AM, 26 December)

Use case construction is a technique used for:

Select the correct option

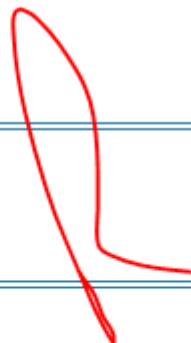
- | | |
|----------------------------------|-----------------------------|
| <input type="radio"/> | requirements determination. |
| <input checked="" type="radio"/> | requirements structuring. |
| <input type="radio"/> | user interface design. |
| <input type="radio"/> | database design. |

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Question # 16 of 30 (Start time: 02:19:47 AM, 26 December 2020)

An architectural style encompasses which of the following elements?

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | Constraints, Set of Components and Semantic Models |
| <input type="radio"/> | Set of Components and Semantic Models |
| <input type="radio"/> | Semantic Models and Constraints |
| <input type="radio"/> | Set of Components and Constraints |
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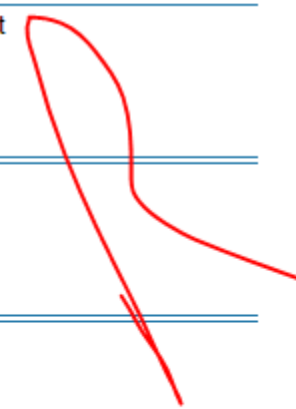
Question # 17 of 30 (Start time: 02:20:01 AM, 26 December 2020)

Specialization means:

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | Calling the same method with object of child object |
| <input type="radio"/> | Hiding the data |
| <input checked="" type="radio"/> | Creating new subclasses from an existing class |
| <input type="radio"/> | Abstraction |

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Question # 18 of 30 (Start time: 02:20:26 AM, 26 December 2020)

A Process in Data Flow Diagram (DFD) represents

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Flow of data |
| <input checked="" type="radio"/> | Transformation of data |
| <input type="radio"/> | Storage of data |
| <input type="radio"/> | An external agent |

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Question # 19 of 30 (Start time: 02:20:39 AM, 26 December 2020)

Which elements of business processing engineering are the responsibilities of the software engineer?

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| <input type="radio"/> | business area analysis |
| <input checked="" type="radio"/> | business system design |
| <input type="radio"/> | product planning |
| <input type="radio"/> | information strategy planning |

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Question # 20 of 30 (Start time: 02:20:55 AM, 26 December 2020)

Total Marks:

Which of the given component of software engineering framework provides different techniques that can be used to perform a particular task?

Select the correct option

- | | | |
|----------------------------------|---------------|----|
| <input type="radio"/> | Processes | // |
| <input type="radio"/> | Tools | // |
| <input checked="" type="radio"/> | Methods | // |
| <input type="radio"/> | Quality Focus | // |

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Question # 21 of 30 (Start time: 02:21:10 AM, 26 December 2020)

Different messages in sequence diagrams includes:

Select the correct option

- | | |
|----------------------------------|------------------------------|
| <input type="radio"/> | Simple |
| <input type="radio"/> | Asynchronous |
| <input type="radio"/> | Notify |
| <input checked="" type="radio"/> | Both Simple and Asynchronous |

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Question # 22 of 30 (Start time: 02:21:27 AM, 26 December 2020)

In the case of _____, intra component linkages are stronger while inter component linkages are weak.

Select the correct option

- high cohesion
- low coupling
- low cohesion
- high coupling

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Question # 23 of 30 (Start time: 02:21:43 AM, 26 December 2020)

In multiprocessing applications, different execution threads may pass information to one another by sending _____ to each other.

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input type="radio"/> | Interrupt calls |
| <input type="radio"/> | Synchronous messages |
| <input checked="" type="radio"/> | Asynchronous messages |
| <input type="radio"/> | System calls |

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Question # 24 of 30 (Start time: 02:21:57 AM, 26 December 2020)

Selecting Objects (in a domain) include:

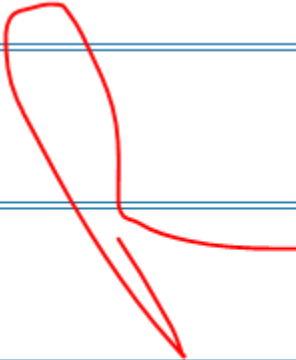
Select the correct option

- | | |
|----------------------------------|---------------------------------|
| <input checked="" type="radio"/> | Actors, Participants and Places |
| <input type="radio"/> | Only Participants |
| <input type="radio"/> | Only Actors |
| <input type="radio"/> | Only Actors and Places |
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Question # 25 of 30 (Start time: 02:22:12 AM, 26 December 2020)

Which of the following is NOT among one of the four layers of the Object Oriented (OO) design pyramid

Select the correct option

- | | |
|----------------------------------|----------------------------|
| <input type="radio"/> | The subsystem layer |
| <input type="radio"/> | The class and object layer |
| <input checked="" type="radio"/> | The Abstract layer |
| <input type="radio"/> | The message layer |
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Question # 26 of 30 (Start time: 02:22:27 AM, 26 December 2020)

Many of the problems encountered in Software development are attributed to shortcoming in _____.

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input checked="" type="radio"/> | Requirement Gatherings |
| <input type="radio"/> | Coding |
| <input type="radio"/> | Testing |
| <input type="radio"/> | Maintenance |

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Question # 27 of 30 (Start time: 02:23:02 AM, 26 December 2020)

The architecture components for product engineering are

Select the correct option

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | data, hardware, software, people |
| <input type="radio"/> | data, documentation, hardware, software |
| <input type="radio"/> | data, hardware, software, procedures |
| <input type="radio"/> | documentation, hardware, people, procedures |

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Question # 28 of 30 (Start time: 02:23:16 AM, 26 December 2020)

GUI stands for:

Select the correct option

- | | |
|----------------------------------|----------------------------|
| <input type="radio"/> | Generic User Interface |
| <input checked="" type="radio"/> | Graphical User Interface |
| <input type="radio"/> | Generic User Interaction |
| <input type="radio"/> | Graphical User Interaction |

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Question # 29 of 30 (Start time: 02:23:28 AM, 26 December 2020)

Tot

_____ component of software engineering framework provides automated or semi-automated support in a software development.

Select the correct option

- Processes
- Methods
- Quality Focus
- Tools

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Question # 30 of 30 (Start time: 02:23:44 AM, 26 December 2020)

Total M

In UML based Object Oriented model of a system, the diamond sign is used to depict _____ relations between two objects/classes.

Select the correct option

- Aggregation and Association
- Inheritance and Association
- Composition and Aggregation
- Composition, Aggregation and Association

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