

Question # 1 of 30 (Start time: 03:19:31 PM, 26 December 2020)

To

A _____ is not the real product but just a real looking mock-up of what would be eventually delivered.

Select the correct option



Software



Program



Prototype



Test Case

Question # 2 of 30 (Start time: 03:20:31 PM, 26 December 2020)

To

The _____ relationship is kind of a generalization specialization relationship.

Select the correct option



Bit-Byte



Uses



Binary



Extends

Question # 2 of 30 (Start time: 03:20:31 PM, 26 December 2020)

To

The _____ relationship is kind of a generalization specialization relationship.

Select the correct option



Bit-Byte



Uses



Binary



Extends



Click to Save Answer & Move to Next

Question # 3 of 30 (Start time: 03:21:35 PM, 26 December 2020)

To

_____ is an extremely powerful technique for dealing with complexity.

Select the correct option



Aggregation



Abstraction



Inheritance



Association

Question # 4 of 30 (Start time: 03:22:12 PM, 26 December 2020)

To

Collaboration diagram can show _____.

- a. Binary messages
- b. Asynchronous messages
- c. Synchronous messages

Select the correct option



a only



b only



c only



both b and c

Question # 4 of 30 (Start time: 03:22:12 PM, 26 December 2020)

To

Collaboration diagram can show _____.

- a. Binary messages
- b. Asynchronous messages
- c. Synchronous messages

Select the correct option



a only



b only



c only



both b and c



Click to Save Answer & Move to Next

Question # 5 of 30 (Start time: 03:23:39 PM, 26 December 2020)

To

In the case of _____ approach, data is decomposed according to functionality requirements.

Select the correct option



Object-oriented



Action-oriented



Event-oriented



Process-oriented

Question # 6 of 30 (Start time: 03:24:33 PM, 26 December 2020)

To

A prototype is not the real product. It is rather just a real looking _____ of what would be eventually delivered and might not do anything useful.

Select the correct option

☒	Mock-up
☐	Ad-hoc
☐	Design
☐	Structure

Question # 7 of 30 (Start time: 03:25:46 PM, 26 December 2020)

To

In order to determine the role and responsibilities of the identified objects, we need to consider which of the following step(s):

- a. Who I am?
- b. What I know?
- c. Who I know?
- d. What I do?

Select the correct option



a only



a and b



b, c and d



c and d

Question # 8 of 30 (Start time: 03:27:02 PM, 26 December 2020)

To

Software Engineering is the combination of tools, techniques and _____.

Select the correct option



Testing



Processes



Maintenance



Design



Click to Save Answer & Move to Next

Question # 9 of 30 (Start time: 03:28:21 PM, 26 December 2020)

To

Software architecture must address _____ requirements of a software system.

Select the correct option



Functional



Non-Functional



User Interface Requirements



Both Functional and Non-Functional

Question # 9 of 30 (Start time: 03:28:21 PM, 26 December 2020)

To

Software architecture must address _____ requirements of a software system.

Select the correct option



Functional



Non-Functional



User Interface Requirements



Both Functional and Non-Functional

Question # 10 of 30 (Start time: 03:29:12 PM, 26 December 2020)

To

Software development is a step-by-step process, and in _____ phase of software development Business Objective of an organization gets cleared.

Select the correct option



Maintenance



Development



Definition



Vision



Click to Save Answer & Move to Next

Question # 11 of 30 (Start time: 03:30:36 PM, 26 December 2020)

To

Performance, Security and maintainability are the types of _____ requirements.

Select the correct option

☒	Non-Functional
☐	Domain
☐	Functional
☐	Business

Question # 12 of 30 (Start time: 03:31:58 PM, 26 December 2020)

To

In _____ the analyst determines all the sources of requirements and where do these requirements consume

Select the correct option



Data Flow Analysis



Source and Sink Analysis



Down Parsing



Up Parsing

Question # 12 of 30 (Start time: 03:31:58 PM, 26 December 2020)

To

In _____ the analyst determines all the sources of requirements and where do these requirements consume

Select the correct option



Data Flow Analysis



Source and Sink Analysis



Down Parsing



Up Parsing



Click to Save Answer & Move to Next

Question # 13 of 30 (Start time: 03:32:49 PM, 26 December 2020)

Software Design discusses _____ aspect of software development

Select the correct option

☐	What
☒	How
☐	Who
☐	When

Question # 14 of 30 (Start time: 03:33:30 PM, 26 December 2020)

To

Which of the given component of software engineering framework demands Rational and Timely development of a software?

Select the correct option



Tools



Methods



Quality Focus



Processes



Click to Save Answer & Move to Next

Question # 15 of 30 (Start time: 03:34:51 PM, 26 December 2020)

To

Sequence of messages can be present in:

- a. Use case diagram
- b. Sequence diagram
- c. Collaboration diagram

Select the correct option



a only



b only



c only



b and c



Click to Save Answer & Move to Next

Question # 16 of 30 (Start time: 03:36:26 PM, 26 December 2020)

To

The focus of sequence diagrams is:

Select the correct option



On objects/classes and messages exchanged among them



On static Model of system



On object constraints



On the flow of Control

Question # 17 of 30 (Start time: 03:37:09 PM, 26 December 2020)

To

A cohesive Class is one which emphasizes on ____ unit of functionality

Select the correct option



Single



Multiple



Static



Both Single and Multiple



Click to Save Answer & Move to Next

Question # 18 of 30 (Start time: 03:38:24 PM, 26 December 2020)

To

A _____ relationship indicates that one entity is composed of one or more parts which are themselves instances of that or another entity.

Select the correct option



Inheritance



Whole-part



Generalization



Specialization



Click to Save Answer & Move to Next

Question # 19 of 30 (Start time: 03:39:54 PM, 26 December 2020)

To

An external entity that interacts with a system is called a(n):

Select the correct option



use case



actor



stakeholder



association

Question # 19 of 30 (Start time: 03:39:54 PM, 26 December 2020)

To

An external entity that interacts with a system is called a(n):

Select the correct option



use case



actor



stakeholder



association

Question # 20 of 30 (Start time: 03:40:38 PM, 26 December 2020)

To

Strong cohesion implies that:

Select the correct option



All parts of a component have a close logical relationship with each other.



All parts of a component do not have a close logical relationship with each other.



Component is dynamic in nature



Component is static in nature

Question # 21 of 30 (Start time: 03:41:22 PM, 26 December 2020)

To

In sequence diagram, the objects are organized in a _____ line and the events in a _____ time line.

Select the correct option



Horizontal, straight



Vertical, straight



Horizontal, vertical



Vertical, horizontal

Question # 22 of 30 (Start time: 03:42:09 PM, 26 December 2020)

To

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

Select the correct option



Interrupt calls



Synchronous messages



Asynchronous messages



System calls

Question # 23 of 30 (Start time: 03:42:50 PM, 26 December 2020)

To

The architecture components for product engineering are

Select the correct option



data, hardware, software, people



data, documentation, hardware, software



data, hardware, software, procedures



documentation, hardware, people, procedures

Question # 23 of 30 (Start time: 03:42:50 PM, 26 December 2020)

To

The architecture components for product engineering are

Select the correct option



data, hardware, software, people



data, documentation, hardware, software



data, hardware, software, procedures



documentation, hardware, people, procedures



Click to Save Answer & Move to Next

Question # 24 of 30 (Start time: 03:43:55 PM, 26 December 2020)

To

Return values in synchronous messages are:

Select the correct option



Compulsory



May not used when response is obvious



Not used at all



represented by solid lines

Question # 25 of 30 (Start time: 03:44:32 PM, 26 December 2020)

To

A DFD is normally leveled (adding more levels of abstraction) as

Select the correct option



it is a good idea in design



it is recommended by many experts



it is easy to do it



it is easier to read and understand a number of smaller DFDs than one large DFD



Click to Save Answer & Move to Next

Question # 26 of 30 (Start time: 03:46:03 PM, 26 December 2020)

To

If you try to make software more user-friendly then the _____ may suffer.

Select the correct option



Reliability



Software



Efficiency



Cost

Question # 27 of 30 (Start time: 03:46:40 PM, 26 December 2020)

To

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

Select the correct option



UML



C++



OCL (object Constraint Language)



Java

Question # 28 of 30 (Start time: 03:47:17 PM, 26 December 2020)

To

Which of the following activities are included in the design process of a software architecture_____?

Select the correct option



System Development and Deployment



Architectural Analysis and Testing



Requirement Specifications of the system



System Structuring and Modular Decomposition



Click to Save Answer & Move to Next

Question # 29 of 30 (Start time: 03:48:44 PM, 26 December 2020)

To

Prototyping is used when there is _____ regarding requirements.

Select the correct option

☒	Uncertainty
☐	Confirmation
☐	Conflict
☐	Consensus

Question # 30 of 30 (Start time: 03:49:34 PM, 26 December 2020)

To

As per Peter Coad's methodology, which of the following may NOT be a perfect candidate for being an object?

Select the correct option



Zone



Recipient



Garage



Password



Click to Save Answer & Move to Next