

SOHAIL ZUBAIR

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CS504 GRAND QUIZ SOLUTION FILE 05-07-2020

Question # 12 of 30 (Start time: 02:47:53 AM, 05 July 2020)

Data Flow Model:

Select the correct option

☐	Captures the flow of data in a system
☐	Helps in developing an understanding of system's functionality
☐	Describes data origination, transformations and consumption in a system
☐	All of the given options



SOHAIL

Question # 24 of 30 (Start time: 03:04:11 AM, 05 July 2020)

In _____ phase of software development, Requirement Analyst focuses on possible design of the proposed solution.

Select the correct option

☐	Maintenance
☐	Development
☐	Definition
☐	Vision



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Question # 2 of 30 (Start time: 02:32:55 AM, 05 July 2020)

Requirement engineering focuses on _____ aspect of the software development process.

Select the correct option

☐	Both what and how
☐	What
☐	How
☐	why and how



SOHAIL ZUBAIR FROM

Question # 3 of 30 (Start time: 02:33:59 AM, 05 July 2020)

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

Select the correct option

☐	Association
☐	Inheritance
☐	Aggregation
☐	Composition



SOHAIL ZUBAIR FR

Question # 6 of 30 (Start time: 02:37:36 AM, 05 July 2020)

In case of a _____ message, the called routine that handles the message is completed before the caller resumes execution.

- a. Synchronous
- b. Asynchronous
- c. Bidirectional

Select the correct option

☐	a only
☐	b only
☐	c only
☐	All of the given



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Question # 25 of 30 (Start time: 03:05:49 AM, 05 July 2020)

At which stage of software development loop, results are delivered?

Select the correct option

☐	Problem definition
☐	Solution integration
☐	Technical development
☐	Status quo



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Question # 19 of 30 (Start time: 02:58:17 AM, 05 July 2020)

_____ is an extremely powerful technique for dealing with complexity.

Select the correct option

☐	Aggregation
☐	Abstraction 
☐	Inheritance
☐	Association

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Question # 27 of 30 (Start time: 03:09:57 AM, 05 July 2020)

A DFD is normally levelled (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 |



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Question # 13 of 30 (Start time: 02:49:22 AM, 05 July 2020)

_____ requirements are often called product features.

Select the correct option

☐	Functional
☐	Non- Functional
☐	Developer
☐	User



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Question # 23 of 30 (Start time: 03:02:53 AM, 05 July 2020)

Prototyping is used when there is _____ regarding requirements.

Select the correct option

☐	Uncertainty
☐	Confirmation
☒	Conflict
☐	Consensus

SOHAIL ZUBAIR F.

Question # 29 of 30 (Start time: 03:13:17 AM, 05 July 2020)

_____ is a technique in which we construct a model of an entity based upon its essential characteristics and ignore the inessential details.

Select the correct option

☐	Inheritance
☐	Polymorphism
☐	Aggregation
☐	Abstraction



SOHAIL ZUBAIR FROM TECH

Question # 22 of 30 (**Start time: 03:02:21 AM, 05 July 2020**)

An object model encompasses the principle(s) of

Select the correct option

☐	Abstraction
☐	Encapsulation
☐	Hierarchy or inheritance
☐	All of the given options *



SOHAIL ZUL

Question # 4 of 30 (Start time: 02:35:21 AM, 05 July 2020)

Which of the following statements is/are true in context of the object model derivation through the Coad methodology?

- a. A place is also a container.
- b. Every container need to be a place.
- c. Same person may play different roles at different times in the system.

Select the correct option

☐	a only
☐	a and b
☒	a and c
☐	All of the given

SOHAIL ZUBAIR FROM

Question # 1 of 30 (Start time: 01:11:45 AM, 05 July 2020)

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

Select the correct option

☐	static
☐	dynamic
☐	iterative
☐	Hierarchical



SOHAIL ZUBH

Question # 18 of 30 (Start time: 02:56:43 AM, 05 July 2020)

Regarding Data Flow Model, which of the following statement(s) is/are true:

Select the correct option

☐	It captures the transformation of data between processes/functions of a system
☐	Processes on a data flow can operate in parallel
☐	Only those processes are represented which we need to automate
☐	All of the given options



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Question # 9 of 30 (Start time: 02:43:09 AM, 05 July 2020)

To help separate an object's external behavior from its implementation, the technique used is called _____.

Select the correct option

☐	Generalization
☐	Association
☐	Composition
☐	Abstraction 

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Question # 8 of 30 (Start time: 02:40:57 AM, 05 July 2020)

"A car is made up of a body, three or four wheels, a steering mechanism, a breaking mechanism, and a power-engine"
The above statement is example of:

Select the correct option

☐	Whole-Part relationship 
☐	Inheritance
☐	Specialization
☐	Generalization

SOHAIL ZUBAIR FROM

Question # 2 of 30 (Start time: 01:13:31 AM, 05 July 2020)

To determine the architectural style or combination of styles that best fits the Proposed system, requirements engineering is used to uncover

Select the correct option

☐	algorithmic complexity
☐	characteristics and constraints
☐	control and data
☐	design patterns



SOHAIL ZUBAIR FROM TEX

Question # 7 of 30 (Start time: 02:39:12 AM, 05 July 2020)

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



SOHAIL ZUBAIR FROM TEC,

Question # 21 of 30 (Start time: 03:01:09 AM, 05 July 2020)

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 |

SOHAIL ZUBHANI

Question # 15 of 30 (Start time: 02:51:40 AM, 05 July 2020)

In the functional design, the structure of the system revolves around.

Select the correct option

☐	objects
☐	properties
☐	functions
☒	All of the given options

SOHAIL ZUBAIR

Question # 26 of 30 (Start time: 03:07:59 AM, 05 July 2020)

A class will be cohesive if:

Select the correct option

☐	Class does not implement Complex interfaces
☐	Class does not have Complex Methods
☐	If most of the methods do not use most of the data members most of the time
☐	if most of the methods use most of the data members most of the time.



SOHAIL ZUBAIR FROM

Question # 20 of 30 (Start time: 03:00:05 AM, 05 July 2020)

In "Point of Sale system", the term "Payment" represents

Select the correct option

☐	Actor
☐	Participant
☐	Transaction
☐	Container



SOHAIL ZUL

Question # 10 of 30 (Start time: 02:44:44 AM, 05 July 2020)

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 

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Question # 5 of 30 (Start time: 02:36:13 AM, 05 July 2020)

The goal of _____ is to translate the customer's desire for a set of defined capabilities into a working product.

Select the correct option

☐	Electrical Engineering
☐	Product Engineering
☐	Hardware Engineering
☐	Mechanical Engineering



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Question # 28 of 30 (Start time: 03:11:49 AM, 05 July 2020)

Identify the TRUE statement(s)

Select the correct option

- | | |
|-----------------------|--|
| ☐ | An attribute that may have a number of values should be replaced by a new class and an object connection |
| ☐ | An attribute that varies over time, e.g., price of an item, should be replaced by an additional class with an effective date and value |
| ☐ | Replace "yes/no" type attributes with "status" type attributes for flexibility |
| ☐ | All of given options |



SOHAIL ZUBAIR FROM TECH

Question # 11 of 30 (Start time: 02:46:00 AM, 05 July 2020)

Which of the following strategy/strategies lead(s) to a good software design:

Select the correct option

☐	Separation of Concerns
☐	Modularity
☐	Divide-and-conquer
☐	All of the given options 

SOHAIL ZUBAIR

Question # 16 of 30 (Start time: 02:53:01 AM, 05 July 2020)

The first step in any OOA process model is to

Select the correct option

- | | |
|-----------------------|--|
| ☐ | build an object-relationship model. |
| ☐ | define collaborations between objects. |
| ☐ | elicit customer requirements.  |
| ☐ | select a representation language. |

SOHAIL ZUBAIN

Question # 17 of 30 (Start time: 02:54:51 AM, 05 July 2020)

The _____ relationship is kind of a generalization specialization relationship.

Select the correct option

☐	Bit-Byte
☐	Uses
☐	Binary
☐	Extends



SOHAIL ZUBAIR FROM

Question # 1 of 30 (Start time: 02:31:33 AM, 05 July 2020)

The intent of Object Oriented Analysis (OOA) is to define:

Select the correct option

☐	All classes
☐	Relationships among classes
☐	Behavior of classes
☐	All of the given options 

SOHAIL ZUBI