

Quiz 2 SE

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* Indicates required question

Email *



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Cohesion is a qualitative indication of the degree to which a module *

- ☐ can be written more compactly
- ☐ is able to complete its function in a timely manner
- ☒ focuses on just one thing
- ☐ is connected to other modules and the outside world

_____ is a measure of the degree of interdependence between modules *

- ☐ None of the mentioned
- ☐ Cohesion
- ☒ Coupling
- ☐ All of the mentioned



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In _____ coupling, the complete data structure is passed from one module to another.

- ☐ External Coupling
- ☒ Content Coupling
- ☐ Stamp Coupling
- ☐ Control Coupling



Choose the incorrect statement with respect to Non-Functional Requirement(NFR).

- ☐ Process-oriented Approach – Focus on how NFRs can be used in the design process
- ☒ Quantitative Approach – Find measurable scales for the functionality attributes
- ☐ Product-oriented Approach – Focus on system (or software) quality
- ☐ Qualitative Approach – Study various relationships between quality goals

___ refers to the set of tasks that ensure that software correctly implements a specific function.

- ☐ Array
- ☐ Verification
- ☒ Validation
- ☐ All of the mentioned above

Clear selection



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The following is not a step of requirement engineering? *

- ☐ analysis
- ☒ design
- ☐ documentation
- ☐ elicitation

Enter full Roll NO *

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Consider a system where, a heat sensor detects an intrusion and alerts the security company." What kind of a requirement the system is providing ? *

- ☐ Known Requirement
- ☐ Non-Functional
- ☐ None of the mentioned
- ☒ Functional

System Engineering process usually begins with *

- ☐ Element View
- ☐ Detailed View
- ☒ World View
- ☐ Domain view



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To construct a system model the engineer should consider which of the following

- ☐ Constarints
- ☐ Budgets
- ☐ Assumptions
- ☒ Both a and c

Clear selection

_____ is an indication of the relative functional strength of a module. *

- ☐ Cohesion
- ☒ Cohesion and coupling.
- ☐ Modularity
- ☐ Coupling

The feature of the object oriented paradigm which helps code reuse is

- ☐ object.
- ☐ aggregation.
- ☐ class.
- ☒ inheritance.

Clear selection



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*

Coupling is a qualitative indication of the degree to which a module

- ☐ is able to complete its function in a timely manner
- ☒ is connected to other modules and the outside world
- ☐ can be written more compactly
- ☐ focuses on just one thing

Aggregation represents *

- ☐ part_of relationship
- ☐ none of above
- ☐ is_a relationship
- ☒ composed_of relationship

Requirements analysis is critical to the success of a development project.

- ☐ False
- ☐ None of the mentioned
- ☐ Depends upon the size of project
- ☒ True

Clear selection



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In the elicitation process, the developers discuss with the client and end users and know their expectations for the software. *

- ☒ Negotiation & discussion
- ☐ Organizing requirements
- ☐ Documentation
- ☐ Requirement gathering

The most important stakeholder is_____:

- ☐ Middle-level stakeholder
- ☒ Users of the software
- ☐ Entry level personnel
- ☐ Managers

Clear selection

Which of the following is not a diagram studied in Requirement Analysis ? *

- ☐ State Transition Diagram
- ☒ Entity Relationship Diagram
- ☐ Activity Diagram
- ☐ Use Cases



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Which of the following is not a documentation manual ?

- ☒ Testing
- ☐ Implementation
- ☐ System Analysis
- ☐ User Manual

Clear selection

Select the developer-specific requirement ?

- ☒ Maintainability
- ☐ Availability
- ☐ Both Portability and Maintainability
- ☐ Portability

Clear selection

Which the process to gather the software requirements from the client, analyze and document them is known as.....

- ☐ User interface requirements
- ☐ Software system analyst
- ☒ Requirement engineering process
- ☐ Requirement elicitation process

Clear selection



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What are the four dimensions of Dependability ? *

- ☐ Availability, Reliability, Maintainability, Security
- ☐ Usability, Reliability, Security, Flexibility
- ☐ Security, Safety, Testability, Usability
- ☒ Availability, Reliability, Security, Safety

_____ and _____ are the two issues of Requirement Analysis.

- ☒ Functional, Non-Functional
- ☐ None of the mentioned
- ☐ Stakeholder, Developer
- ☐ Performance, Design

Clear selection

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