

# CS-510 Software Requirement Update MCQS For Mid Term Solve By Vu Topper RM

85% To 100% Marks



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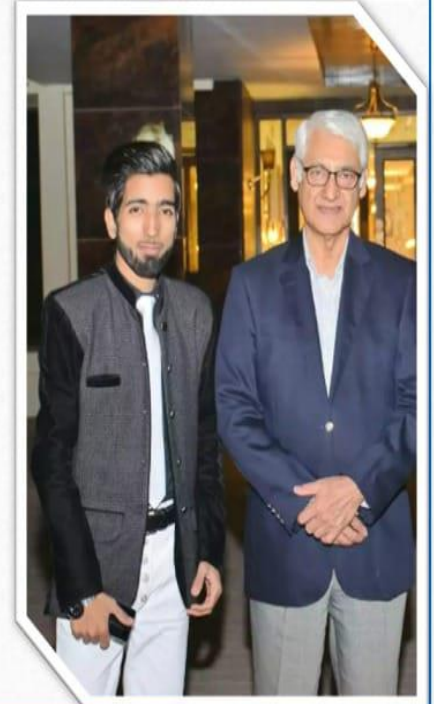
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In \_\_\_\_\_ type of interviews, there is a pre-set agenda.

- A. Structured**
- B. Unstructured
- C. Semi-Structured
- D. Both structured and unstructured

Which of the following is not part of requirement elicitation process

- A. Discovering requirements
- B. Removing functional requirements**
- C. Documenting requirements
- D. Reviewing requirements

One benefit of the observation is:

- A. It is very useful in validating requirements**
- B. It doesn't need many resources to be effective
- C. It helps to discover certain features of a work
- D. Authentic and reliable information provided by analyst

\_\_\_\_\_ is an iterative process which saves development time and cost.

- A. JAD
- B. Prototyping**
- C. Observation
- D. Ethnography

Main concern(s) of requirements elicitation is/are to

- A. Identify stakeholders
- B. Identify stakeholders and Understand the problem
- C. Identify stakeholders, Understand the problem and Understand Application Domain**

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## D. Understand the problem and Understand Application Domain

\_\_\_\_\_ is a requirements elicitation technique that an expert usually uses to study domain information thoroughly for the purpose of adopting when existing system needs to be replaced.

- A. Class Responsibility Collaboration
- B. Joint Application Development
- C. Questionnaire

**D. Document Analysis**

Prototyping, Brainstorming and Joint Application Development are \_\_\_\_\_ requirements elicitation techniques.

- A. Traditional
- B. Collaborative**
- C. Contextual
- D. Cognitive

"Librarian Updates Catalogue". From above statement, \_\_\_\_\_ is use case.

- A. Both a and b
- B. Librarian
- C. Catalogue

**D. Update Catalogue**

\_\_\_\_\_ is an interviewing technique to elicit stakeholder's goals, standards and attributes.

- A. Usage Scenario
- B. Brainstorming
- C. Card Sorting

**D. Laddering**

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A drawback of the observation is:

- A. It does not help to discover certain features of a work**
- B. It is time consuming
- C. It doesn't need many resources to be effective
- D. It is an expensive method

\_\_\_\_\_ is one of the dependency relations in use case diagram.

- A. Solves
- B. Verifies
- C. Indicate
- D. Extends**

In use case diagram, a human like symbol represents:

- A. Use case
- B. Actor**
- C. System boundary
- D. Model

Which of the following is used in combination with other elicitation techniques like interviews and questionnaires?

- A. Contextual Techniques**
- B. Observation
- C. Ethnography
- D. Brainstorming

"Place order" is a:

- A. Use case**
- B. Relation
- C. Actor
- D. Model

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\_\_\_\_\_ is a process of obtaining comprehensive understanding of stakeholder's requirements.

- A. Requirements Analysis
- B. Requirements Elicitation**
- C. Requirements Validation
- D. Requirements Management

Use case diagram does not specify:

- A. What tasks, a system performs
- B. Who will run the test case**
- C. Which user interacts with which use case
- D. Who uses the system

\_\_\_\_\_ is a requirement elicitation technique in which no face to face interaction occurs with the users and stakeholders.

- A. Joint Application Development
- B. Class Responsibility Collaboration
- C. Questionnaire**
- D. Document Analysis

Interviews, Questionnaires and Document Analysis are \_\_\_\_\_ requirements elicitation techniques.

- A. Contextual
- B. Cognitive
- C. Collaborative
- D. Traditional**

\_\_\_\_\_ requirement relates to as a whole characteristic of a system.

- A. Non- Functional**
- B. Functional

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- C. Inverse
- D. Domain

\_\_\_\_\_ requirements must be complete and consistent.

- A. domain
- B. inverse
- C. Functional**
- D. Non- Functiona

\_\_\_\_\_ is the ability to describe and flow the life of requirements in forward and backward direction.

- A. Validity
- B. Reusability
- C. Modifiability
- D. Traceability**

\_\_\_\_\_ is a process which ensures that the ending software product will meet the user expectations.

- A. Negotiation and discussion
- B. Requirements analysis
- C. Requirement engineering**
- D. Requirements gathering

\_\_\_\_\_ requirement refers to a statement of a user's need that can be implemented within the given constraints and resources.

- A. valid
- B. Consistent
- C. Feasible**
- D. Unambiguous

Requirement Engineering deals with \_\_\_\_\_ process.

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**A. Software Requirements**

- B. Software Maintenance
- C. Software Design
- D. Software Testing

Domain requirements can be \_\_\_\_\_.

- A. Functional
- B. Non-Functional
- C. Both functional and non-functional**
- D. Inverse

Which statement does not fulfill on the definition of a requirement?

- A. A description of how a system should behave.
- B. A description of a system property
- C. A constraint on the development process.
- D. A specification of what should not be implemented.**

\_\_\_\_\_ requirement has only one interpretation.

- A. Consistent
- B. Unambiguous**
- C. Correct
- D. Valid

Fixing error cost at requirements stage is \_\_\_\_\_ than fixing it at later stages.

- A. High
- B. Less**
- C. Equal
- D. Very High

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Quality factors, design criteria and metrics are supposed to be considered as \_\_\_\_\_ requirements.

- A. Domain
- B. Inverse
- C. Functional
- D. Non-Functional**

Requirement Engineering is a new area started in \_\_\_\_\_.

- A. 2010
- B. 2000
- C. 2005
- D. 1993**

Requirement engineering is not a process of \_\_\_\_\_ requirements in the engineering design process.

- A. Defining
- B. Documenting
- C. Maintaining
- D. Removing**

The requirements that come from application domain are called:

- A. User specific requirements
- B. Non-functional requirements
- C. System requirements
- D. Domain requirements**

If a requirement does not conflict with other requirements then it is called \_\_\_\_\_ requirement

- A. Verifiable
- B. Redundant
- C. Consistent**

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D. Feasible

Which is not a characteristic of a Good Requirement?

- A. Feasible
- B. Unambiguous
- C. Traceable
- D. Inconsistent**

Output of the requirement task is:

- A. Precise statement of what system will do**
- B. Precise behavior of system at runtime
- C. Precise method for system granularity
- D. Precise model for system structure

\_\_\_\_\_ requirements must be complete and consistent.

- A. Functional**
- B. Non- Functional
- C. Inverse
- D. Domain

Which of the following is NOT an example of non-functional requirement?

- A. System will display total of expenditures**
- B. System will be easy to use
- C. System will always be available
- D. System will be easy to modify

A choice of requirement engineering process for the development of system requirements depends on \_\_\_\_\_.

- A. People involved and organization developing the application
- B. Application domain and People involved

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C. Application domain, organization developing the application and just client involvement

**D. Application domain, People involved and organization developing the application**

**Question No:1**

**(Marks:1)**

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SRS is prepared in \_\_\_\_\_ phase of SDLC.

- A. Design phase
- B. Testing Phase
- C. Evaluation Phase

**D. Requirement Phase**

**Question No:2**

**(Marks:1)**

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"Modeling" helps us in \_\_\_\_\_.

- A. Visualization
- B. Communication with customer
- C. Reduction of complexity

**D. All of the given options**

**Question No:3**

**(Marks:1)**

**Vu-Topper RM**

One of component of Use case diagram is:

- A. Pre-Condition
- B. Alternate Path
- C. Actor**
- D. All of these options

**Question No:4**

**(Marks:1)**

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Which of the following does not include flow of information or decision?

- A. Activity Diagram

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- B. Sequence Diagram
- C. Use case Diagram
- D. State machine**

**Question No:5**

**(Marks:1)**

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In use case diagram, the relationship between actor and usecase is called:

- A. Association**
- B. Union
- C. Interaction
- D. Intersection

**Question No:6**

**(Marks:1)**

**Vu-Topper RM**

Which of the following title/heading is NOT part of Detailed Use Case (Narrative form)?

- A. Actors
- B. Priority
- C. Outcome**
- D. Pre-Condition

**Question No:7**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is not a proper use case name?

- A. BookOrder
- B. CancelOrder
- C. FlightNumber**
- D. TrackOrder

**Question No:8**

**(Marks:1)**

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Nested State Diagram is a form of\_\_\_\_\_.

- A. Constrained Relationship
- B. And Relationship

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### **C. Or Relationship**

D. Exhaustive Relationship

**Question No:9**

**(Marks:1)**

**Vu-Topper RM**

Initial state, in state machine modeling is represented by:

**A. Black filled circle**

B. Dotted filled circle

C. Blank Circle

D. None of the given options

**Question No:10**

**(Marks:1)**

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Which of the following is/are NOT the "Cognitive Requirement Elicitation" technique(s)?

A. Laddering only

B. Card Sorting only

**C. Contextual Grids**

D. Both laddering and Card Sorting

**Question No:11**

**(Marks:1)**

**Vu-Topper RM**

In context of contextual elicitation techniques, another name for "Observation" is:

**A. Social analysis**

B. Domain analysis

C. System analysis

D. Dual analysis

**Question No:12**

**(Marks:1)**

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The techniques that collect requirements in context of the user are called:

**A. Contextual techniques**

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- B. Conventional techniques
- C. Hybrid techniques
- D. Domain techniques

**Question No:13** (Marks:1) **Vu-Topper RM**  
Which of the following is NOT requirements elicitation technique?

- A. Interview
- B. Questionnaire
- C. Brainstorming
- D. Normalization**

**Question No:14** (Marks:1) **Vu-Topper RM**  
In content of requirements elicitation techniques. "JAD" stands for:

- A. Joint Application Development**
- B. Just Application Development
- C. Joint Application Deployment
- D. Just Application Deployment

**Question No:15** (Marks:1) **Vu-Topper RM**  
A state, in State machine modeling is represented by \_\_\_\_\_.

- A. Square
- B. Rectangle
- C. Oval
- D. Round Cornered Rectangle**

**Question No:16** (Marks:1) **Vu-Topper RM**  
Which of the following is NOT an example of Non-Functional requirements?

- A. System should be highly useable

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- B. System should be highly available
- C. System should be easily modifiable
- D. System should generate report twice a month**

**Question No:17** (Marks:1) **Vu-Topper RM**

Which of following is not characteristic of a requirement?

- A. Valid
- B. Traceable
- C. Portable**
- D. Feasible

**Question No:18** (Marks:1) **Vu-Topper RM**

The goal of reading SRS document by the software developer is to

\_\_\_\_\_.

- A. Manage budget of project
- B. Finalize SRS
- C. To ensure that the software fulfills the customer requirements**
- D. None of the given options

**Question No:19** (Marks:1) **Vu-Topper RM**

A requirement is verifiable if :

- A. It can be traced backed
- B. It can be tested**
- C. It has single meaning
- D. It is consistent

**Question No:20** (Marks:1) **Vu-Topper RM**

Which of the following is not type of requirement?

- A. Domain Requirement
- B. Implicit Requirement**

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- C. Inverse Requirement
- D. Functional Requirement

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