

- Software Engineering Concepts
- General
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- Requirement Analysis
- Basics Of Testing**
- Software Maintenance
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Dashboard / Software Engineering Concepts / Basics Of Testing / Test Your Understanding

Started on	Friday, 6 March 2020, 12:24 AM
State	Finished
Completed on	Friday, 6 March 2020, 12:25 AM
Time taken	1 min 50 secs
Marks	4.93/6.00
Grade	82.22 out of 100.00
Feedback	Congratulations!! You have passed by securing more than 80%

### Question 1

Correct  
Mark 1.00 out of 1.00  
Flag question

Which of the following options are the steps involved in Requirements Analysis?

Select one or more:

- ☐ Requirements Specification
- ☒ Requirements Gathering phase ✓
- ☒ Analysis of the gathered requirements phase ✓
- ☐ Requirements Elicitation

Your answer is correct.

Requirements Gathering phase is followed by the Analysis of the gathered requirements

The correct answers are:

Requirements Gathering phase, Analysis of the gathered requirements phase

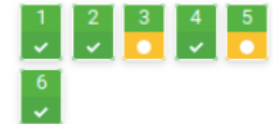
### Question 2

Correct  
Mark 1.00 out of 1.00  
Flag question

Match the correct objectives of each phase involved in Requirements Engineering

- Requirements Specification ✓ Documents all the requirements properly
- Requirements Analysis ✓ Analyzing the customer and the user/stakeholder to arrive at a definition of software requirements

### Quiz navigation



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Requirements  
Elicitation

Gathering requirements from the users, customers and other stake holders



Your answer is correct.

1. Requirements Elicitation - Gathering requirements from the users and customers
2. Requirements Analysis - Analyzing the customer and the user/stakeholder to arrive at a definition of software requirements
3. Requirements Specification - Documents all the requirements properly in SRS

The correct answer is:

Requirements Specification → Documents all the requirements properly,

Requirements Analysis → Analyzing the customer and the user/stakeholder to arrive at a definition of software requirements,

Requirements Elicitation → Gathering requirements from the users, customers and other stake holders

Question  
3

Partially  
correct

Mark 0.60  
out of 1.00

Flag  
question

Arrange the activities of the Requirements Engineering phase and the Design phase

✓ Requirements Elicitation

✓ Requirements Analysis

✓ Requirements Specification

✗ Low Level Design

✗ High Level Design

Your answer is partially correct.

The order of activities are 1. Requirements Elicitation, 2. Requirements Analysis, 3. Requirements Specification, 4. High Level Design, and 5. Low Level Design

The correct order for these items is as follows:

1. Requirements Elicitation
2. Requirements Analysis
3. Requirements Specification
4. High Level Design
5. Low Level Design

#### Question 4

Correct

Mark 1.00  
out of 1.00

Flag  
question

Identify the type of design that helps in transforming the data model created during requirements analysis phase into the data structures that will be used to implement the software

Select one:

- ☒ a. Data Design ✓
- ☐ b. GUI Design
- ☐ c. Architectural design
- ☐ d. Interface design

Your answer is correct.

Data Design helps in creating the data architecture for a system to represent the data components

The correct answer is: Data Design

#### Question 5

Partially  
correct

Mark 0.33  
out of 1.00

Flag  
question

Match the objectives of the types of design involved

Architecture  
design

Describes how the software communicates with itself, and with the users interacting with the software ⇅

✗

Interface  
design

Defines the modules of the system and the functions that each module perform ⇅

✗

Low Level  
Design

Focuses on writing a detailed algorithm ⇅

✓

Your answer is partially correct.

You have correctly selected 1.

Architecture design defines the modules of the system and the functions that each module perform

The interface design describes how the software communicates with itself, and with the users interacting with the software

Low Level Design focuses on writing a detailed algorithm

The correct answer is:

Architecture design → Defines the modules of the system and the functions that each module perform,

Interface design → Describes how the software communicates with itself, and with the users interacting with the software, Low Level Design → Focuses on writing a detailed algorithm

### Question 6

Correct

Mark 1.00  
out of 1.00

🚩 Flag  
question

The order of activities performed by a System Analyst are,

Understand ✓ users requirement

Collects data needed for ✓ user requirement

Writes ✓ software requirement specification

Your answer is correct.

System Analyst helps to Understand users requirement , Collects data needed for the user requirement , and Writes the software requirement specification.

The correct answer is:

The order of activities performed by a System Analyst are,

[Understand ] users requirement

[Collects data needed for ] user requirement

[Writes ] software requirement specification

[Finish review](#)



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