

Virtual University PLHR55

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#StudyUpdates #StayInformed

Regards,

Team PLHR55

CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is a non-functional requirement of a website which sells songs?

Answer (Please select your correct option)

A catalogue of the stock needs to be available for the users to choose from

Customer information should be retained to allow future transactions easier

Users should be able to choose from a set of different languages for the interface

Time taken to download songs in the catalogue should not irritate users

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BC100402087 (RIZWAN HANIF)

Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

Information content represents the individual data and control objects that comprise the information that is _____

Answer (Please select your correct option)

Necessary to lay out all output

Required for error handling

Demanded for operating system interfacing

Transformed by the software

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BC100402087 (RIZWAN HANIF)

Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Prototyping _____

Answer (Please select your correct option)

- Ensures getting the design right the first time
- Is the execution of the standard systems development cycle using CASE tools.
- Is used to verify if a key process is feasible
- Involves an iterative development process with minimum end use involvement.

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BC100402087 (RIZWAN HANIF)

Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

-----gives ○○ the ability to handle essential complexity better than action-oriented approach.

Answer (Please select your correct option)

- Decentralization
- Centralization
- Decentralization and Centralization
- Distribution

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BC100402087 (RIZWAN HANIF)

Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

Repository model also provides the ----- view of the system.

Answer (Please select your correct option)

- Global
- Local
- General
- Private

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BC100402087 (RIZWAN HANIF)

Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the below is NOT a part of Architectural styles?

Answer (Please select your correct option)

Data Center architecture

Client Server Architecture

Hirerical Architercture

Layered Architecture

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BC100402087 (RIZWAN HANIF)

Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

In ----- testing we test the structure of the program.

Answer (Please select your correct option)

- White Box
- Black Box
- System
- Regression

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BC100402087 (RIZWAN HANIF)

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

For inspections, ----- are prepared that contain information regarding defects.

Answer (Please select your correct option)

- Tables
- Checklists
- Lists
- Frames

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BC100402087 (RIZWAN HANIF)

Question No : 9 of 52

Marks: 1 (Budgeted Time 1 Min)

A memory leak bug is one in which memory is somehow allocated from either the operating system or an ----- "pool", but never deallocated when the memory is finished being used.

Answer (Please select your correct option)

External memory

Internal Memory

Mutually exculive memory

Mixed memory

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BC100402087 (RIZWAN HANIF)

Question No : 10 of 52

Marks: 1 (Budgeted Time 1 Min)

Equivalence _____ help you in designing test cases to test the system effectively and efficiently.

Answer (Please select your correct option)

- Functions
- Classes
- Objects
- Interfaces

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BC100402087 (RIZWAN HANIF)

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

Writing test cases and generating test data are processes that demand _____ building capabilities.

Answer (Please select your correct option)

- Domain
- System
- Scenario
- Code

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BC100402087 (RIZWAN HANIF)

Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is a good design principle?

Answer (Please select your correct option)

Coupling

Structured programming

Modularity

Maintenance

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BC100402087 (RIZWAN HANIF)

Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

If a software application fulfills its specifications but deviates from users expectations, then it means that software is verified but not _____.

Answer (Please select your correct option)

Checked

Traced

Validated

Corrected

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Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is NOT a layer of operating system.

Answer (Please select your correct option)

- Core layer
- Application layer
- Presentation layer
- UI layer

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BC100402087 (RIZWAN HANIF)

Question No : 15 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ was the first pure Object Oriented language in which observer pattern was used to implement its Model View Controller.

Answer (Please select your correct option)

- C++
- Pascal
- Java
- Smalltalk

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BC100402087 (RIZWAN HANIF)

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections cannot check _____ characteristics.

Answer (Please select your correct option)

- Non-Functionl
- Business
- User
- Functional

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BC100402087 (RIZWAN HANIF)

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

Performance & Usability are examples of _____ requirements.

Answer (Please select your correct option)

Business

Functional

Non-Functional

User

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BC100402087 (RIZWAN HANIF)

Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

Ideally speaking, a function should not be larger than _____ lines of code and in any case should not exceed one page in length.

Answer (Please select your correct option)

- 25
- 20
- 15
- 30

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BC100402087 (RIZWAN HANIF)

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

CamelCase is now the official convention for file names and identifiers in the _____ programming language.

Answer (Please select your correct option)

- C#
- C++
- Java
- Visual Basic .Net

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BC100402087 (RIZWAN HANIF)

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

Secondary private classes can be declared as _____ and reside in the file of the class they belong to.

Answer (Please select your correct option)

- Inner classes
- Outer classes
- Synchronous classes
- Asynchronous Classes

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BC100402087 (RIZWAN HANIF)

Question No : 21 of 52

Marks: 1 (Budgeted Time 1 Min)

Comments are not _____ checked, there is nothing forcing them to be accurate.

Answer (Please select your correct option)

- Syntax
- Semantic
- Syntax & Semantic
- Grammer

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BC100402087 (RIZWAN HANIF)

Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the guidelines to avoid common mistakes is to never use _____ except for declaration.

Answer (Please select your correct option)

- >
- ;
- =
- ||

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BC100402087 (RIZWAN HANIF)

Question No : 23 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is/are NOT one of the umbrella activities?

Answer (Please select your correct option)

- Requirement analysis
- Architecture design
- Test case development
- All of the given options

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Question No : 24 of 52

Marks: 1 (Budgeted Time 1 Min)

Function oriented methodology is also known as _____.

Answer (Please select your correct option)

- Structure Oriented
- Action Oriented
- Module Oriented
- Object Oriented

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Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Software Engineering is the result of _____.

Answer (Please select your correct option)

Software need

Software Requirements

Software Crisis

Software Development

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Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

Construction activities are surrounded by _____ activities.

Answer (Please select your correct option)

Installation

Management

Design

Configuration

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BC100402087 (RIZWAN HANIF)

Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

AND and OR are _____ operators.

Answer (Please select your correct option)

- Relational
- Associative
- Comparative
- Differential

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BC100402087 (RIZWAN HANIF)

Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

Boolean Expressions are evaluated through _____.

Answer (Please select your correct option)

Modularity

Functions

Short Circuiting

Conditions

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Question No : 29 of 52

Marks: 1 (Budgeted Time 1 Min)

About 2/3rd of the overall software cost incurs during _____ phase.

Answer (Please select your correct option)

Maintenance

Development

Analysis

Installation

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BC100402087 (RIZWAN HANIF)

Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

Which phase of software development lifecycle is considered most expensive?

Answer (Please select your correct option)

Requirement Gathering

System Design

Maintenance

Development

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BC100402087 (RIZWAN HANIF)

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

Dynamic memory allocation is done from internal memory storage called _____.

Answer (Please select your correct option)

- Cache
- Pool
- VRam
- Boot Memory

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Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

In sequence diagram, a message is represented by a/an _____.

Answer (Please select your correct option)

- Arrow
- Straight line
- Dotted line
- Box

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Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

In order to show the presence of a defect, a _____ breaks the system.

Answer (Please select your correct option)

- Tester
- Developer
- Requirement Engineer
- Designer

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BC100402087 (RIZWAN HANIF)

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

Architectural model proposed by Clements et. al. contains _____ views.

Answer (Please select your correct option)

- 3
- 4
- 5
- 6

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Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ view is not present in the original Krutchen model and is basically an extension of the development view by Clements et. al

Answer (Please select your correct option)

- Code
- Process
- Physical
- Deployment

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BC100402087 (RIZWAN HANIF)

Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

For a program containing a loop and loop variable having the value N, there are _____ possible paths.

Answer (Please select your correct option)

- 2^N
- 2^{N+1}
- 2^{N-1}
- 2^{N+2}

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BC100402087 (RIZWAN HANIF)

Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____, test cases are written in a manner to cover different possibilities in code.

Answer (Please select your correct option)

- Unit Testing
- System Testing
- White-box testing
- Black-box testing

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BC100402087 (RIZWAN HANIF)

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ server provides set of applications that enable communication among clients using text, images, bulletin boards, video, etc.

Answer (Please select your correct option)

- Transaction
- Groupware
- File
- Database

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BC100402087 (RIZWAN HANIF)

Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

The number of paths in a program that contains loops tends to _____.

Answer (Please select your correct option)

- Countable
- Finite
- Infinity
- Limited

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BC100402087 (RIZWAN HANIF)

Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

Assume team A has access to a robust class library and team B does not. If both teams were building the same software product you would expect _____.

Answer (Please select your correct option)

- Team B to produce a better product programming from scratch
- Team A to spend more team testing and debugging their code
- Team A to complete the product faster and at a lower cost
- Team B to complete the product faster and at a lower cost

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Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

Which four techniques should be applied in parallel to attain maximum defect removal efficiency ?

Answer (Please click here to Add Answer)

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Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

What do you understand by term "self-documenting code"?

Answer (Please [click here](#) to Add Answer)

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Question No : 43 of 52

Marks: 2 (Budgeted Time 4 Min)

Which software development phase deals with "what"?

Answer (Please [click here](#) to Add Answer)

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Question No : 44 of 52

Marks: 2 (Budgeted Time 4 Min)

How the data exchange byte order portability issues can be solved?

Answer (Please [click here](#) to Add Answer)

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Question No : 45 of 52

Marks: 3 (Budgeted Time 6 Min)

Describe three coverage schemes related to white box testing.

Answer (Please [click here](#) to Add Answer)

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Question No : 46 of 52

Marks: 3 (Budgeted Time 6 Min)

What are Inspection pre-conditions?

Answer (Please [click here](#) to Add Answer)

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CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 47 of 52

Marks: 3 (Budgeted Time 6 Min)

Consider the following statement:

```
array[i++] = array[i++] = x;
```

Keeping in mind the problems caused by side effects, how the above statement can be dangerous.

Answer (Please [click here](#) to Add Answer)

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BC100402087 (RIZWAN HANIF)

Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

Identify the Class, Object and relationship from the following scenario.
Alia has a fruit basket.

Answer (Please [click here](#) to Add Answer)

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CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

Suppose you were eliciting the requirements of a software, and you realized a conflict between estimated "Cost" of the software and required "Efficiency", Now, from your point of view, explain what will you do in this situation ?

Answer (Please [click here](#) to Add Answer)

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BC100402087 (RIZWAN HANIF)

Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

Below are two programming terms. You are required to write their uses with at least one example.

- 0) *get/set*
- 1) *is prefix*

Answer (Please [click here](#) to Add Answer)

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CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

A student claims that we can not implement the software construction activities, if we don't have supporting tools that could provide us the automated or semi automated support? Do you agree with the statement or not? Provide logical reason.

Answer (Please [click here](#) to Add Answer)

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CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

Given the code snippet:

```
sum = sum + 10;  
if(sum > 100)  
{
```

Answer (Please [click here](#) to Add Answer)

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52

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CS504 Software Engineering - I

BC100402087 (RIZWAN HANIF)

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

```
Grd = 1;  
}  
  
else  
{  
    Grd = 0;
```

Answer ([Please click here to Add Answer](#))

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BC100402087 (RIZWAN HANIF)

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

```
\n Grd = 0;\n}
```

Make a flow graph for the above code snippet.

Answer (Please [click here](#) to Add Answer)

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52

MADE BY WAQAR SIDDHU

CS504 Software Engineering - I

BC110201120 (WAQAR SHAHID)

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ bring-in the system's view and define, from the system's perspective, the software functionality the developers must build.

Answer (Please select your correct option)

- Functional Requirements
- Non-Functional Requirements
- User Requirements
- Business Requirements

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Question No : 1 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ bring-in the system's view and define, from the system's perspective, the software functionality the developers must build.

Answer (Please select your correct option)

- Functional Requirements
- Non-Functional Requirements
- User Requirements
- Business Requirements

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1



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Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT an objective for building an analysis model?

Answer (Please select your correct option)

- Define set of software requirements
- Describe customer requirements
- Develop an abbreviated solution for the problem
- Establish basis for software design

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2



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Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Control flow diagrams use _____

Answer (Please select your correct option)

- Dashed lines to show control flow
- Solid bars as windows into the CSPEC
- Single headed arrows for discrete data flow
- Dashed lines to show control flow and solid bars as windows into the CSPEC

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3



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Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

Consider the following scenario:
"Student logs the system and checks his/her lecture schedule"

Keeping in mind the use case diagram, and above scenario the one of the post conditions might be:

Answer (Please select your correct option)

- Student should have a login
- System should be available
- Student should log-off after checking schedule
- Lecture schedule should be displayed date wise

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Question No : 5 of 52 Marks: 1 (Budgeted Time 1 Min)

OOA is intended to define-----, their relationships, and their behavior.

Answer (Please select your correct option)

- Variables
- Classes
- Objects
- Subjects

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Question No : 6 of 52 Marks: 1 (Budgeted Time 1 Min)

One of the most powerful features of exception handling is that an error can be ----- over function boundaries.

Answer (Please select your correct option)

- Thrown
- Called back
- Caught
- Sent

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6



MADE BY WAQAR SIDDHU

Question No : 7 of 52 Marks: 1 (Budgeted Time 1 Min)

Inspections can check conformance with a specification but not conformance with the -----requirements.

Answer (Please select your correct option)

- Customer's real
- Developer
- Tester
- Manger

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7



MADE BY WAQAR SIDDHU

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

For inspections, ----- are prepared that contain information regarding defects.

Answer (Please select your correct option)

- Tables
- Checklists
- Lists
- Frames

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8



MADE BY WAQAR SIDDHU

Question No : 9 of 52 Marks: 1 (Budgeted Time 1 Min)

The first "bug" was actually a moth, which flew through an open window and into one of the Mark ----- 's relays.

Answer (Please select your correct option)

- II
- I
- III
- IV

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Question No : 10 of 52 Marks: 1 (Budgeted Time 1 Min)

Holistic medicine, concerns itself with the state of the body as a whole, not the ----- that is currently attacking it.

Answer (Please select your correct option)

- Target
- Reason
- Disease
- Source

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10



MADE BY WAQAR SIDDHU

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

What factor has no precipitation in more sophisticated and complex computer-based systems?

Answer (Please select your correct option)

- Vast use of personel computers.
- Vast increases in computer memory and storage capacity.
- Greater variety of exotic input/output options.
- Profound changes in computer architectures.

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11



MADE BY WAQAR SIDDHU

Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

What types of errors are missed by black-box testing and can be uncovered by white-box testing?

Answer (Please select your correct option)

- Runtime errors
- Logic errors
- Performance errors
- Input errors

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12



MADE BY WAQAR SIDDHU

Question No : 13 of 52 Marks: 1 (Budgeted Time 1 Min)

When large amount of data is to be shared, repository model is used. This model has been extensively used in the _____ based application.

Answer (Please select your correct option)

- Mainframe
- Super Computers
- Personal Computers
- Real time

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Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

A(n) _____ is a variance from a desired product attribute.

Answer (Please select your correct option)

- Error
- Exception
- Defect
- Mistake

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14

MADE BY WAQAR SIDDHU

Question No : 15 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ ensures that a class only has one instance and provides a global point of access to it.

Answer (Please select your correct option)

- Singleton Pattern
- Observer Pattern
- Behavioral Pattern
- Joint Pattern

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15



MADE BY WAQAR SIDDHU

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Performance & Usability are examples of _____ requirements.

Answer (Please select your correct option)

- Business
- Functional
- Non-Functional
- User

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16



MADE BY WAQAR SIDDHU

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

CamelCase is now the official convention for file names and identifiers in the _____ programming language.

Answer (Please select your correct option)

- C#
- C++
- Java
- Visual Basic .Net

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17



MADE BY WAQAR SIDDHU

Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

Comments should be indented relative to their position in the _____.

Answer (Please select your correct option)

- Code
- Design
- Analysis
- Reuirements

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18



MADE BY WAQAR SIDDHU

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the guidelines to avoid common mistakes is to never use _____ except for declaration.

Answer (Please select your correct option)

- >
- ;
- =
- ||

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Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

When planning for performance, one should always remember the _____ rule.

Answer (Please select your correct option)

- 80/20
- 70/20
- 60/20
- 100/20

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20

MADE BY WAQAR SIDDHU

Question No : 21 of 52 Marks: 1 (Budgeted Time 1 Min)

Behavioral class pattern uses _____ relationship to distribute behavior between classes.

Answer (Please select your correct option)

- Composition
- Aggregation
- Association
- Inheritance

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Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

Software crisis appeared in _____.

Answer (Please select your correct option)

Early 50s

Early 60s

Early 70s

Early 80s

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22

MADE BY WAQAR SIDDHU

Question No : 23 of 52 Marks: 1 (Budgeted Time 1 Min)

In C++ or Java, named constants are written in all uppercase letters with _____ to separate words.

Answer (Please select your correct option)

- Semicolon ;
- Underscore _
- Colon :
- Dot .

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23



MADE BY WAQAR SIDDHU

Question No : 24 of 52

Marks: 1 (Budgeted Time 1 Min)

Indentation larger than _____ makes deeply nested code difficult to read and increases the chance that the lines must be split.

Answer (Please select your correct option)

- 2
- 4
- 3
- 1

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24



MADE BY WAQAR SIDDHU

Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Which phase of software development lifecycle is considered most expensive?

Answer (Please select your correct option)

- Requirement Gathering
- System Design
- Maintenance
- Development

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25

Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

A software requirement document describes all the _____ provided by the system along with the constraints under which it must operate.

Answer (Please select your correct option)

- Conditions
- Services
- Tasks
- Actions

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26



MADE BY WAQAR SIDDHU

Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ and functional specification documents are produced in requirement analysis phase.

Answer (Please select your correct option)

- Feasibility report
- Requirement definition
- Requirement specification
- Design definition

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27



MADE BY WAQAR SIDDHU

Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

During the program execution most of the time is spent on _____.

Answer (Please select your correct option)

- Conditional Structure
- Loops
- Arrays
- Functions

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28



MADE BY WAQAR SIDDHU

Question No : 29 of 52 Marks: 1 (Budgeted Time 1 Min)

Many applications need to be ported on to many different _____.

Answer (Please select your correct option)

- Platforms
- Language
- Compilers
- Software

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29



MADE BY WAQAR SIDDHU

Question No : 30 of 52 Marks: 1 (Budgeted Time 1 Min)

There are _____ steps involved in identification of structure while deriving object model.

Answer (Please select your correct option)

- Two
- Three
- Four
- Five

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30



MADE BY WAQAR SIDDHU

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

The technique which is used to separate error-handling code from normal code is called _____.

Answer (Please select your correct option)

- Exceptional Handling
- Function Handling
- Code Handling
- Variable Handling

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31



MADE BY WAQAR SIDDHU

Question No : 32 of 52 Marks: 1 (Budgeted Time 1 Min)

In order to show the presence of a defect, a _____ breaks the system.

Answer (Please select your correct option)

- Tester
- Developer
- Requirement Engineer
- Designer

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32



MADE BY WAQAR SIDDHU

Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ design decisions should be ones that are changeable in software development cycle.

Answer (Please select your correct option)

- Early
- Late
- Heterogeneous
- Both a and b

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33



MADE BY WAQAR SIDDHU

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

Architectural model proposed by Clements et. al. contains _____ views.

Answer (Please select your correct option)

- 3
- 4
- 5
- 6

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34



MADE BY WAQAR SIDDHU

Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ server provides set of applications that enable communication among clients using text, images, bulletin boards, video, etc.

Answer (Please select your correct option)

- File
- Database
- Transaction
- Groupware

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35



MADE BY WAQAR SIDDHU

Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is result of efforts to find a middle ground between the fat client architecture and the thin-client architecture.

Answer (Please select your correct option)

- Pipe and filter architecture
- N-tier architecture
- Three tier architecture
- Zero install

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36



MADE BY WAQAR SIDDHU

Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

The process view captures the concurrency and _____ aspects of the design.

Answer (Please select your correct option)

- Synchronization
- Asynchronization
- Mapping
- Data

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37



MADE BY WAQAR SIDDHU

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ involve purely black box testing.

Answer (Please select your correct option)

- Unit testing, Beta testing
- Acceptance testing, Interface testing
- Beta testing, Acceptance testing
- Integration testing, Interface testing

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38



MADE BY WAQAR SIDDHU

Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is the correct formula for calculating cyclomatic complexity of a program.

Answer (Please select your correct option)

V - N + 2

E - V + 2

E - N + 2

E + N - 2

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39



MADE BY WAQAR SIDDHU

Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is not included in test criteria applied in a phase of testing.

Answer (Please select your correct option)

- Functional validity
- Interface integrity
- Correctness
- Programing Logic

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40



MADE BY WAQAR SIDDHU

Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

Which diagrams are used to present dynamic behavior of the system?

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with icons for Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, and a 100% zoom level. The text area below is empty.

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41



MADE BY WAQAR SIDDHU

Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

Explain how can the size of the function in a program affect program maintainability?

Answer ([Please click here to Add Answer](#))

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42

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MADE BY WAQAR SIDDHU

Question No : 43 of 52 Marks: 2 (Budgeted Time 4 Min)

Suppose that you write a C program in which you declare a pointer to dynamically allocate memory to store the ages of 10 students. But, you forget to delete the pointer. In doing so, what type of bug will occur in the program?

Answer ([Please click here to Add Answer](#))

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43



MADE BY WAQAR SIDDHU

Question No : 44 of 52

Marks: 2 (Budgeted Time 4 Min)

Suppose that software testing phase has been completed and all the defects have been discovered. What is the next step after completion of test phase?

Answer ([Please click here to Add Answer](#))

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44

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Question No : 45 of 52

Marks: 3 (Budgeted Time 6 Min)

Bit fields do suffer from lack of portability between platforms. Why ?

Answer ([Please click here to Add Answer](#))

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45

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MADE BY WAQAR SIDDHU

Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

Consider the following scenario:

“A hard disk drive (e.g. C-drive, D-Drive etc) contains folders which contain files. Whenever user right clicks on the folder or file and presses delete button the file is deleted and is sent to recycle bin, from where it can be deleted permanently”

Using Peter Coad methodology, identify at least two container objects.

Answer ([Please click here to Add Answer](#))

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46

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MADE BY WAQAR SIDDHU

Question No : 47 of 52 Marks: 3 (Budgeted Time 6 Min)

Name at least three fault classes which must be specified while preparing an inspection checklist.

Answer ([Please click here to Add Answer](#))

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47



MADE BY WAQAR SIDDHU

Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

How does profiling works?

Answer (Please [click here](#) to Add Answer)

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48

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MADE BY WAQAR SIDDHU

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

Rewrite the following code by following General naming conventions for C++

- 1) int fileprefix;
- 2) const int max_iterations;
- 3) int getmaxiterations() { ... }
- 4) template<class t>

Answer (Please [click here](#) to Add Answer)

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49

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Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

Software Design Phase is a combination of number of activities. List those activities.

Answer ([Please click here to Add Answer](#))

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50

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MADE BY WAQAR SIDDHU

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

Compute the cyclomatic complexity of the code below:

1. if (a > 10)
2. c++;
3. else

Answer (Please [click here](#) to Add Answer)

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51

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MADE BY WAQAR SIDDHU

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

How many test cases for the given scenario are generated to achieve 100% Statement coverage? Also draw the Flow graph for the scenario.

```
if (n%2==0)
    printf("even number");
else
    printf("Odd Number");
```

Answer (Please [click here](#) to Add Answer)

Rich text editor toolbar with icons for Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, and a 100% zoom level. Below the toolbar is a large empty text area for the answer.

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52

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MADE BY WAQAR SIDDHU

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

```
if (n%2==0)
    printf("even number");
else
    printf("Odd Number");

printf("End of program");
```

Answer (Please [click here](#) to Add Answer)

Rich text editor toolbar with options: Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, Font Color, Background Color, Text Color, Text Background Color, Font Size, Font Family, Font Style, Font Weight, Font Color, Background Color, Text Color, Text Background Color, Font Size, Font Family, Font Style, Font Weight.

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52



MADE BY WAQAR SIDDHU

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

The nature of software applications can be characterized by their information _____

Answer (Please select your correct option)

Complexity

Content

Determinacy

Content and determinacy

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1

MADE BY WAQAR SIDDHU

Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

The best way to conduct a requirements validation review is to _____

Answer (Please select your correct option)

- Examine the system model for errors
- Have the customer look over the requirements
- Send them to the design team and see if they have any concerns
- Use a checklist of questions to examine each requirement

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2



MADE BY WAQAR SIDDHU

Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Flow Charts represents _____

Answer (Please select your correct option)

- Sequence Activity
- Random activity
- Parallel activity
- Shuffle activity

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3



MADE BY WAQAR SIDDHU

Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

A process which does not take input is called _____

Answer (Please select your correct option)

Miracle process

Core porcess

Secondary process

Zombie process

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4



MADE BY WAQAR SIDDHU

Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

State Transition Diagram is helpful in determining _____

Answer (Please select your correct option)

Business Understanding

Process Flow

Data store

Control Flow

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5



MADE BY WAQAR SIDDHU

Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

In a, each program module is represented by a rectangular box.

Answer (Please select your correct option)

Use case diagram

Document flow diagram

Class diagram

Data flow diagram

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6



MADE BY WAQAR SIDDHU

Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

Identify the correct description.

Answer (Please select your correct option)

- The collection of use cases for a system constitutes all the defined ways the system may be used.
- UML stands for Unified Markup Language
- State transition diagrams are drawn for objects with no significant dynamic behavior.
- Object Model depicts the dynamic behavior of system

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7



MADE BY WAQAR SIDDHU

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a fundamental structured programming construct?

Answer (Please select your correct option)

- Recursion
- Condition
- Repetition
- Sequence

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8



MADE BY WAQAR SIDDHU

Question No : 9 of 52

Marks: 1 (Budgeted Time 1 Min)

Which writing style is best regarding identifier role in enhancing the readability of a program?

Answer (Please select your correct option)

If (Flag == 0)

If (Flag == START_NUMBER)

If (Z == START_NUMBER)

If (Z == 0)

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9



Question No : 10 of 52

Marks: 1 (Budgeted Time 1 Min)

Exception handling is a powerful technique that separates error-handling code from ----- code.

Answer (Please select your correct option)

Normal

Abnormal

Simple

Complex

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10



MADE BY WAQAR SIDDHU

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the most powerful features of exception handling is that an error can be ----- over function boundaries.

Answer (Please select your correct option)

- Thrown
- Called back
- Caught
- Sent

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11



MADE BY WAQAR SIDDHU

Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections can check conformance with a specification but not conformance with the -----requirements.

Answer (Please select your correct option)

- Customer's real
- Developer
- Tester
- Manger

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12

MADE BY WAQAR SIDDHU

Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

For inspections, ----- are prepared that contain information regarding defects.

Answer (Please select your correct option)

- Tables
- Checklists
- Lists
- Frames

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13



MADE BY WAQAR SIDDHU

Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

Static analyzers are software tools for ----- processing.

Answer (Please select your correct option)

Analysis text

Source text

Design text

Maintenance Text

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14



MADE BY WAQAR SIDDHU

Question No : 15 of 52

Marks: 1 (Budgeted Time 1 Min)

What factor has no precipitation in more sophisticated and complex computer-based systems?

Answer (Please select your correct option)

- Vast use of personel computers.
- Vast increases in computer memory and storage capacity.
- Greater variety of exotic input/output options.
- Profound changes in computer architectures.

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15



MADE BY WAQAR SIDDHU

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Testing is an intellectually demanding activity and has a lifecycle ----- to software development.

Answer (Please select your correct option)

- Equal
- Parallel
- Sequential
- In contrast

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16



MADE BY WAQAR SIDDHU

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ are used to describe flow of data or control in an application.

Answer (Please select your correct option)

Code structures

String matchings

Paths

Flow graphs

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17



MADE BY WAQAR SIDDHU

Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

Writing test cases and generating test data are processes that demand _____ building capabilities.

Answer (Please select your correct option)

- Code
- Domain
- System
- Scenario

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18



MADE BY WAQAR SIDDHU

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

Idea of zero install architecture is to develop a system where no installation on the _____ is needed.

Answer (Please select your correct option)

Client side

Server Side

Client & Server Side

Network

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19



MADE BY WAQAR SIDDHU

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

There are four basic coding structures: sequence, if statement, case statement, and _____.

Answer (Please select your correct option)

- For loop
- While loop
- Switich statement
- Logical operations

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20



MADE BY WAQAR SIDDHU

Question No : 21 of 52

Marks: 1 (Budgeted Time 1 Min)

The pattern movement became very quiet until _____ when patterns appeared again at OOPSLA conference.

Answer (Please select your correct option)

- 1987
- 1988
- 1962
- 1995

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21



MADE BY WAQAR SIDDHU

Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____ coverage scheme, all possible paths of a program from input instruction to the output instruction are tested.

Answer (Please select your correct option)

Branch coverage

Statement Coverage

Path Coverage

System Coverage

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22



MADE BY WAQAR SIDDHU

Question No : 23 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections cannot check _____ characteristics.

Answer (Please select your correct option)

Non-Functiona

Business

User

Functional

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23



MADE BY WAQAR SIDDHU

Question No : 24 of 52

Marks: 1 (Budgeted Time 1 Min)

Split lines occur when a statement exceed the _____ column limit.

Answer (Please select your correct option)

- 80
- 90
- 95
- 85

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24



MADE BY WAQAR SIDDHU

Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Comments should be indented relative to their position in the _____.

Answer (Please select your correct option)

- Code
- Design
- Analysis
- Reuirements

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25



MADE BY WAQAR SIDDHU

Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

STL is a library of reusable components provided by _____ compilers.

Answer (Please select your correct option)

- Java
- Cobol
- SmallTalk
- C++

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26



MADE BY WAQAR SIDDHU

Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____, the responsibility of instantiation of an object is given to some other object.

Answer (Please select your correct option)

Behavioral

Structural

Creational

Observer

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27



MADE BY WAQAR SIDDHU

Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ pattern is an example of creational pattern.

Answer (Please select your correct option)

- Facade
- Singleton
- Observer
- Prototyping

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MADE BY WAQAR SIDDHU

Question No : 29 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ pattern hides the implementation of the subsystem from clients, making the subsystem easier to use.

Answer (Please select your correct option)

- Observer
- Fecade
- Creational
- Singleton

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29



MADE BY WAQAR SIDDHU

Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

Indentation larger than _____ makes deeply nested code difficult to read and increases the chance that the lines must be split.

Answer (Please select your correct option)

- 2
- 4
- 3
- 1

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30

MADE BY WAQAR SIDDHU

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ language allows short circuiting.

Answer (Please select your correct option)

- Pascal
- C
- C++
- ADA

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31



MADE BY WAQAR SIDDHU

Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ language explicitly specifies which statement should be short circuiting.

Answer (Please select your correct option)

- Pascal
- C
- C++
- ADA

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32



MADE BY WAQAR SIDDHU

Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

Which phase of software development lifecycle is considered most expensive?

Answer (Please select your correct option)

- Requirement Gathering
- System Design
- Maintenance
- Development

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33



MADE BY WAQAR SIDDHU

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

Dynamic memory allocation is done from internal memory storage called _____.

Answer (Please select your correct option)

- Cache
- Pool
- VRam
- Boot Memory

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34



MADE BY WAQAR SIDDHU

Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

Context level diagram is also known as _____.

Answer (Please select your correct option)

0-level DFD

1-level DFD

2-level DFD

3-level DFD

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35



MADE BY WAQAR SIDDHU

Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ server provides set of applications that enable communication among clients using text, images, bulletin boards, video, etc.

Answer (Please select your correct option)

- File
- Database
- Transaction
- Groupware

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36

MADE BY WAQAR SIDDHU

Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

Unit testing process is done by _____ stakeholder of the software.

Answer (Please select your correct option)

- Project Manager
- Customer
- Software Engineer
- Developer

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37



MADE BY WAQAR SIDDHU

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

The number of paths in a program that contains loops tends to _____.

Answer (Please select your correct option)

- Finite
- Infinity
- Limited
- Countable

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MADE BY WAQAR SIDDHU

Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

When measure of independence of a module or component is low to the other, changes in one component have effect on other component is _____.

Answer (Please select your correct option)

- No
- Low
- High
- Equal

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39

MADE BY WAQAR SIDDHU

Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

UML(Unified Modeling Language) is among different which are used for documenting the object oriented design.

Answer (Please select your correct option)

- Reports
- Documents
- Notations
- SRS

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MADE BY WAQAR SIDDHU

Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

Considers the following values and calculate Cyclomatic Complexity:

- Number of edges = 8
- Number of nodes = 6

Answer ([Please click here to Add Answer](#))

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41



MADE BY WAQAR SIDDHU

Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

Do you agree that a side effect of a function can make things difficult during maintenance or debugging activities?

Answer (Please click here to Add Answer)

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42



MADE BY WAQAR SIDDHU

Question No : 43 of 52

Marks: 2 (Budgeted Time 4 Min)

As a requirement engineer, you are modeling business requirements according to the function point analysis. Which conditions are mandatory for a function to be categorized as EO?

Answer ([Please click here to Add Answer](#))

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43



MADE BY WAQAR SIDDHU

Question No : 44 of 52

Marks: 2 (Budgeted Time 4 Min)

In which two ways the shift Operator (>>) can be used in C/C++?

Answer (Please click here to Add Answer)

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44



MADE BY WAQAR SIDDHU

Question No : 45 of 52

Marks: 3 (Budgeted Time 6 Min)

Can a tester write test cases without having an in-depth knowledge about the system and requirements from users? Give solid comments.

Answer ([Please click here to Add Answer](#))

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45



MADE BY WAQAR SIDDHU

Question No : 46 of 52

Marks: 3 (Budgeted Time 6 Min)

What is the general style guideline for naming generic variables in a program? Give an example.

Answer ([Please click here to Add Answer](#))

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Question No : 47 of 52

Marks: 3 (Budgeted Time 6 Min)

Write one advantage and one disadvantage of software inspection.

Answer ([Please click here to Add Answer](#))

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Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

How user requirements are different from functional requirements?

Answer ([Please click here to Add Answer](#))

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48



MADE BY WAQAR SIDDHU

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

In Intel architecture, the lowest byte is the most significant byte while in Motorola architecture the highest byte of a word is the most significant one. Discuss how the above mentioned factor affects portability of program.

Answer (Please click here to Add Answer)

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49



MADE BY WAQAR SIDDHU

Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

Which of the following is/are example of cryptic code?

1. `x *= a;`
2. `subkey = subkey >> (bitoff - (bitoff >> 3) << 3);`
3. `a = a >> 2;`

Answer ([Please click here to Add Answer](#))

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50



MADE BY WAQAR SIDDHU

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

Keeping the defect removal efficiency in mind, draw a comparison between testing and inspection phases of software development lifecycle.

Answer (Please click here to Add Answer)

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51

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Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

As a requirement engineer you should build a good communication relationship with the stakeholders of the company for which you are going to build software. What efforts will you put to establish this relationship?

Answer (Please click here to Add Answer)

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52

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CS504 Software Engineering - I

BC110201120 (WAQAR SHAHID)

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ bring-in the system's view and define, from the system's perspective, the software functionality the developers must build.

Answer (Please select your correct option)

- Functional Requirements
- Non-Functional Requirements
- User Requirements
- Business Requirements

Correct answer solved by Hadi
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Cell no: 03228043306

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Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT an objective for building an analysis model?

Answer (Please select your correct option)

- Define set of software requirements
- Describe customer requirements
- Develop an abbreviated solution for the problem **Correct**
- Establish basis for software design

Correct answer solved by Hadi
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Cell no: 03228043306

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2

MADE BY WAQAR SIDDHU

Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Control flow diagrams use _____

Answer (Please select your correct option)

- Dashed lines to show control flow
- Solid bars as windows into the CSPEC
- Single headed arrows for discrete data flow
- Dashed lines to show control flow and solid bars as windows into the CSPEC

i think

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3



MADE BY WAQAR SIDDHU

Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

Consider the following scenario:
"Student logs the system and checks his/her lecture schedule"

Keeping in mind the use case diagram, and above scenario the one of the post conditions might be:

Answer (Please select your correct option)

- Student should have a login
- System should be available **Correct**
- Student should log-off after checking schedule
- Lecture schedule should be displayed date wise

Correct answer solved by Hadi
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Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

OOA is intended to define-----, their relationships, and their behavior.

Answer (Please select your correct option)

- Variables
- Classes **Correct**
- Objects
- Subjects

Correct answer solved by Hadi
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5



MADE BY WAQAR SIDDHU

Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the most powerful features of exception handling is that an error can be ----- over function boundaries.

Answer (Please select your correct option)

- Thrown **Correct**
- Called back
- Caught
- Sent

Correct answer solved by Hadi
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6

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Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections can check conformance with a specification but not conformance with the -----requirements.

Answer (Please select your correct option)

- Customer's real **Correct**
- Developer
- Tester
- Manger

Correct answer solved by Hadi
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7

MADE BY WAQAR SIDDHU

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

For inspections, ----- are prepared that contain information regarding defects.

Answer (Please select your correct option)

- Tables
- Checklists **Correct**
- Lists
- Frames

Correct answer solved by Hadi
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8



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Question No : 9 of 52 Marks: 1 (Budgeted Time 1 Min)

The first "bug" was actually a moth, which flew through an open window and into one of the Mark ----- 's relays.

Answer (Please select your correct option)

- II **correct** Correct answer solved by Hadi
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Cell no: 03228043306
- I
- III
- IV

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Question No : 10 of 52 Marks: 1 (Budgeted Time 1 Min)

Holistic medicine, concerns itself with the state of the body as a whole, not the ----- that is currently attacking it.

Answer (Please select your correct option)

- Target
- Reason
- Disease **Correct**
- Source

Correct answer solved by Hadi
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10



MADE BY WAQAR SIDDHU

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

What factor has no precipitation in more sophisticated and complex computer-based systems?

Answer (Please select your correct option)

- Vast use of personel computers. **cORRECT**
- Vast increases in computer memory and storage capacity.
- Greater variety of exotic input/output options.
- Profound changes in computer architectures.

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11



MADE BY WAQAR SIDDHU

Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

What types of errors are missed by black-box testing and can be uncovered by white-box testing?

Answer (Please select your correct option)

Runtime errors

Logic errors **Correct**

Performance errors

Input errors

Correct answer solved by Hadi
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12

MADE BY WAQAR SIDDHU

Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

When large amount of data is to be shared, repository model is used. This model has been extensively used in the _____ based application.

Answer (Please select your correct option)

- Mainframe **Correct**
- Super Computers
- Personal Computers
- Real time

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13



MADE BY WAQAR SIDDHU

Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

A(n) _____ is a variance from a desired product attribute.

Answer (Please select your correct option)

- Error
- Exception
- Defect **Correct**
- Mistake

Correct answer solved by Hadi
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14

MADE BY WAQAR SIDDHU

Question No : 15 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ ensures that a class only has one instance and provides a global point of access to it.

Answer (Please select your correct option)

- Singleton Pattern **Correct**
- Observer Pattern
- Behavioral Pattern
- Joint Pattern

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15



MADE BY WAQAR SIDDHU

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Performance & Usability are examples of _____ requirements.

Answer (Please select your correct option)

- Business
- Functional
- Non-Functional **Correct**
- User

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16

MADE BY WAQAR SIDDHU

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

CamelCase is now the official convention for file names and identifiers in the _____ programming language.

Answer (Please select your correct option)

- C#
- C++
- Java **Correct**
- Visual Basic.Net

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17

MADE BY WAQAR SIDDHU

Question No : 18 of 52 Marks: 1 (Budgeted Time 1 Min)

Comments should be indented relative to their position in the _____.

Answer (Please select your correct option)

- Code **Correct** Correct answer solved by Hadi
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- Design
- Analysis
- Reuirements

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18



MADE BY WAQAR SIDDHU

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the guidelines to avoid common mistakes is to never use _____ except for declaration.

Answer (Please select your correct option)

Correct

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19



MADE BY WAQAR SIDDHU

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

When planning for performance, one should always remember the _____ rule.

Answer (Please select your correct option)

- 80/20 **Correct**
 - 70/20
 - 60/20
 - 100/20
- Correct answer solved by Hadi
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20

MADE BY WAQAR SIDDHU

Question No : 21 of 52 Marks: 1 (Budgeted Time 1 Min)

Behavioral class pattern uses _____ relationship to distribute behavior between classes.

Answer (Please select your correct option)

- Composition
- Aggregation
- Association
- Inheritance **Correct**

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21



MADE BY WAQAR SIDDHU

Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

Software crisis appeared in _____.

Answer (Please select your correct option)

- Early 50s
- Early 60s **Correct**
- Early 70s
- Early 80s

Correct answer solved by Hadi
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22

MADE BY WAQAR SIDDHU

Question No : 23 of 52

Marks: 1 (Budgeted Time 1 Min)

In C++ or Java, named constants are written in all uppercase letters with _____ to separate words.

Answer (Please select your correct option)

Semicolon ;

Underscore _ **Correct**

Colon :

Dot .

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23



MADE BY WAQAR SIDDHU

Question No : 24 of 52 Marks: 1 (Budgeted Time 1 Min)

Indentation larger than _____ makes deeply nested code difficult to read and increases the chance that the lines must be split.

Answer (Please select your correct option)

- 2
- 4 **Correct** Correct answer solved by Hadi
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- 3
- 1

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Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Which phase of software development lifecycle is considered most expensive?

Answer (Please select your correct option)

- Requirement Gathering
- System Design
- Maintenance **Correct**
- Development

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25



MADE BY WAQAR SIDDHU

Question No : 26 of 52 Marks: 1 (Budgeted Time 1 Min)

A software requirement document describes all the _____ provided by the system along with the constraints under which it must operate.

Answer (Please select your correct option)

- Conditions
- Services **correct**
- Tasks
- Actions

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26



MADE BY WAQAR SIDDHU

Question No : 27 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ and functional specification documents are produced in requirement analysis phase.

Answer (Please select your correct option)

- Feasibility report
- Requirement definition **Correct**
- Requirement specification
- Design definition

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27



MADE BY WAQAR SIDDHU

Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

During the program execution most of the time is spent on _____.

Answer (Please select your correct option)

- Conditional Structure
- Loops **Correct**
- Arrays
- Functions

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28

Question No : 29 of 52

Marks: 1 (Budgeted Time 1 Min)

Many applications need to be ported on to many different _____.

Answer (Please select your correct option)

- Platforms **Correct**
- Language
- Compilers
- Software

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29



MADE BY WAQAR SIDDHU

Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

There are _____ steps involved in identification of structure while deriving object model.

Answer (Please select your correct option)

- Two **correct**
- Three
- Four
- Five

Correct answer solved by Hadi
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30



MADE BY WAQAR SIDDHU

Question No : 31 of 52 Marks: 1 (Budgeted Time 1 Min)

The technique which is used to separate error-handling code from normal code is called _____.

Answer (Please select your correct option)

- Exceptional Handling **Correct**
- Function Handling
- Code Handling
- Variable Handling

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31



MADE BY WAQAR SIDDHU

Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

In order to show the presence of a defect, a _____ breaks the system.

Answer (Please select your correct option)

- Tester **correct**
- Developer
- Requirement Engineer
- Designer

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32



MADE BY WAQAR SIDDHU

Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ design decisions should be ones that are changeable in software development cycle.

Answer (Please select your correct option)

- Early
- Late
- Heterogeneous
- Both a and b

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33



MADE BY WAQAR SIDDHU

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

Architectural model proposed by Clements et. al. contains _____ views.

Answer (Please select your correct option)

- 3
- 4 **Correct**
- 5
- 6

Correct answer solved by Hadi
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34



MADE BY WAQAR SIDDHU

Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ server provides set of applications that enable communication among clients using text, images, bulletin boards, video, etc.

Answer (Please select your correct option)

- File
- Database
- Transaction
- Groupware **Correct**

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35



MADE BY WAQAR SIDDHU

Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ is result of efforts to find a middle ground between the fat client architecture and the thin-client architecture.

Answer (Please select your correct option)

- Pipe and filter architecture
- N-tier architecture **Correct**
- Three tier architecture
- Zero install

Correct answer solved by Hadi
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36



MADE BY WAQAR SIDDHU

Question No : 37 of 52 Marks: 1 (Budgeted Time 1 Min)

The process view captures the concurrency and _____ aspects of the design.

Answer (Please select your correct option)

- Synchronization **Correct** Correct answer solved by Hadi
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- Asynchronization
- Mapping
- Data

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37



MADE BY WAQAR SIDDHU

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ involve purely black box testing

Answer (Please select your correct option)

- Unit testing, Beta testing
- Acceptance testing, Interface testing
- Beta testing, Acceptance testing
- Integration testing, Interface testing

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MADE BY WAQAR SIDDHU

Question No : 39 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ is the correct formula for calculating cyclomatic complexity of a program.

Answer (Please select your correct option)

- V - N + 2
- E - V + 2
- E - N + 2 **Correct**
- E + N - 2

Correct answer solved by Hadi
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Cell no: 03228043306

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Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is not included in test criteria applied in a phase of testing.

Answer (Please select your correct option)

- Functional validity
 - Interface integrity
 - Correctness
 - Programing Logic
- Correct**

Correct answer solved by Hadi
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Cell no: 03228043306

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Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

Which diagrams are used to present dynamic behavior of the system?

Answer ([Please click here to Add Answer](#))

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MADE BY WAQAR SIDDHU

Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

Explain how can the size of the function in a program affect program maintainability?

Answer ([Please click here to Add Answer](#))

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42

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MADE BY WAQAR SIDDHU

Question No : 43 of 52

Marks: 2 (Budgeted Time 4 Min)

Suppose that you write a C program in which you declare a pointer to dynamically allocate memory to store the ages of 10 students. But, you forget to delete the pointer. In doing so, what type of bug will occur in the program?

Answer (Please [click here](#) to Add Answer)

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MADE BY WAQAR SIDDHU

Question No : 44 of 52 Marks: 2 (Budgeted Time 4 Min)

Suppose that software testing phase has been completed and all the defects have been discovered. What is the next step after completion of test phase?

Answer ([Please click here to Add Answer](#))

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MADE BY WAQAR SIDDHU

Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

Bit fields do suffer from lack of portability between platforms. Why ?

Answer ([Please click here to Add Answer](#))

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MADE BY WAQAR SIDDHU

Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

Consider the following scenario:

“A hard disk drive (e.g. C-drive, D-Drive etc) contains folders which contain files. Whenever user right clicks on the folder or file and presses delete button the file is deleted and is sent to recycle bin, from where it can be deleted permanently”

Using Peter Coad methodology, identify at least two container objects.

Answer ([Please click here to Add Answer](#))

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46



MADE BY WAQAR SIDDHU

Question No : 47 of 52

Marks: 3 (Budgeted Time 6 Min)

Name at least three fault classes which must be specified while preparing an inspection checklist.

Answer ([Please click here to Add Answer](#))

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47



MADE BY WAQAR SIDDHU

Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

How does profiling works?

Answer (Please [click here](#) to Add Answer)

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48

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MADE BY WAQAR SIDDHU

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

Rewrite the following code by following General naming conventions for C++

- 1) int fileprefix;
- 2) const int max_iterations;
- 3) int getmaxiterations() { ... }
- 4) template<class t>

Answer (Please [click here](#) to Add Answer)

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49

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MADE BY WAQAR SIDDHU

Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

Software Design Phase is a combination of number of activities. List those activities.

Answer ([Please click here to Add Answer](#))

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50

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MADE BY WAQAR SIDDHU

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

Compute the cyclomatic complexity of the code below:

1. if (a > 10)
2. c++;
3. else

Answer ([Please click here to Add Answer](#))

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51

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MADE BY WAQAR SIDDHU

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

How many test cases for the given scenario are generated to achieve 100% Statement coverage? Also draw the Flow graph for the scenario.

```
if (n%2==0)
    printf("even number");
else
    printf("Odd Number");
```

Answer (Please [click here](#) to Add Answer)

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52

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Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

```
if (n%2==0)
    printf("even number");
else
    printf("Odd Number");

printf("End of program");
```

Answer ([Please click here to Add Answer](#))

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52

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MADE BY WAQAR SIDDHU

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

The nature of software applications can be characterized by their information _____

Answer (Please select your correct option)

- Complexity
- Content
- Determinacy
- Content and determinacy

Correct answer solved by Hadi
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1

MADE BY WAQAR SIDDHU

Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

The best way to conduct a requirements validation review is to _____

Answer (Please select your correct option)

- Examine the system model for errors
- Have the customer look over the requirements **Correct**
- Send them to the design team and see if they have any concerns
- Use a checklist of questions to examine each requirement

Correct answer solved by Hadi
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2

MADE BY WAQAR SIDDHU

Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Flow Charts represents _____

Answer (Please select your correct option)

Sequence Activity

Correct

Correct answer solved by Hadi

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Random activity

Parallel activity

Shuffle activity

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3

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Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

A process which does not take input is called _____

Answer (Please select your correct option)

Miracle process

Core porcess

Secondary process

Zombie process

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4



MADE BY WAQAR SIDDHU

Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

State Transition Diagram is helpful in determining _____

Answer (Please select your correct option)

Business Understanding

Process Flow

Data store

Control Flow

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5



MADE BY WAQAR SIDDHU

Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

In a, each program module is represented by a rectangular box.

Answer (Please select your correct option)

Use case diagram

Document flow diagram

Class diagram

Data flow diagram

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6



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Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

Identify the correct description.

Answer (Please select your correct option)

- The collection of use cases for a system constitutes all the defined ways the system may be used. i think
- UML stands for Unified Markup Language
- State transition diagrams are drawn for objects with no significant dynamic behavior.
- Object Model depicts the dynamic behavior of system

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7



MADE BY WAQAR SIDDHU

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a fundamental structured programming construct?

Answer (Please select your correct option)

Recursion

Condition

Repetition

Sequence

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8

MADE BY WAQAR SIDDHU

Question No : 9 of 52

Marks: 1 (Budgeted Time 1 Min)

Which writing style is best regarding identifier role in enhancing the readability of a program?

Answer (Please select your correct option)

- If (Flag == 0) **Correct** Correct answer solved by Hadi
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- If (Flag == START_NUMBER)
- If (Z == START_NUMBER)
- If (Z == 0)

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9



MADE BY WAQAR SIDDHU

Question No : 10 of 52

Marks: 1 (Budgeted Time 1 Min)

Exception handling is a powerful technique that separates error-handling code from ----- code.

Answer (Please select your correct option)

- Normal **Correct**
- Abnormal
- Simple
- Complex

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10

MADE BY WAQAR SIDDHU

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

One of the most powerful features of exception handling is that an error can be ----- over function boundaries.

Answer (Please select your correct option)

Thrown

Correct

Correct answer solved by Hadi
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Called back

Caught

Sent

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11

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Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections can check conformance with a specification but not conformance with the -----requirements.

Answer (Please select your correct option)

Customer's real **Correct**

Developer

Tester

Manger

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12

MADE BY WAQAR SIDDHU

Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

For inspections, ----- are prepared that contain information regarding defects.

Answer (Please select your correct option)

- Tables
- Checklists **Correct**
- Lists
- Frames

Correct answer solved by Hadi
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13

MADE BY WAQAR SIDDHU

Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

Static analyzers are software tools for ----- processing.

Answer (Please select your correct option)

Analysis text

Source text

Correct

Design text

Maintenance Text

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14

MADE BY WAQAR SIDDHU

Question No : 15 of 52

Marks: 1 (Budgeted Time 1 Min)

What factor has no precipitation in more sophisticated and complex computer-based systems?

Answer (Please select your correct option)

- Vast use of personel computers. **Correct**
- Vast increases in computer memory and storage capacity.
- Greater variety of exotic input/output options.
- Profound changes in computer architectures.

Correct answer solved by Hadi
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15



MADE BY WAQAR SIDDHU

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Testing is an intellectually demanding activity and has a lifecycle ----- to software development.

Answer (Please select your correct option)

- Equal
- Parallel **Correct**
- Sequential
- In contrast

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16

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ are used to describe flow of data or control in an application.

Answer (Please select your correct option)

- Code structures
 - String matchings
 - Paths
 - Flow graphs
- Correct**

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17



MADE BY WAQAR SIDDHU

Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

Writing test cases and generating test data are processes that demand _____ building capabilities.

Answer (Please select your correct option)

- Code
 - Domain
 - System
 - Scenario
- Correct**

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18



MADE BY WAQAR SIDDHU

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

Idea of zero install architecture is to develop a system where no installation on the _____ is needed.

Answer (Please select your correct option)

Client side

Correct

Correct answer solved by Hadi

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Server Side

Client & Server Side

Network

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19

MADE BY WAQAR SIDDHU

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

There are four basic coding structures: sequence, if statement, case statement, and _____.

Answer (Please select your correct option)

For loop

While loop

Correct

Switich statement

Logical operations

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20



MADE BY WAQAR SIDDHU

Question No : 21 of 52

Marks: 1 (Budgeted Time 1 Min)

The pattern movement became very quiet until _____ when patterns appeared again at OOPSLA conference.

Answer (Please select your correct option)

- 1987 **Correct**
- 1988
- 1962
- 1995

Correct answer solved by Hadi
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21



MADE BY WAQAR SIDDHU

Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____ coverage scheme, all possible paths of a program from input instruction to the output instruction are tested.

Answer (Please select your correct option)

Branch coverage

Statement Coverage

Path Coverage

Correct

System Coverage

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22



MADE BY WAQAR SIDDHU

Question No : 23 of 52

Marks: 1 (Budgeted Time 1 Min)

Inspections cannot check _____ characteristics.

Answer (Please select your correct option)

- Non-Functiona
Correct
- Business
- User
- Functional

Correct answer solved by Hadi
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23



MADE BY WAQAR SIDDHU

Question No : 24 of 52

Marks: 1 (Budgeted Time 1 Min)

Split lines occur when a statement exceed the _____ column limit.

Answer (Please select your correct option)

- 80 **Correct**
- 90
- 95
- 85

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24

MADE BY WAQAR SIDDHU

Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Comments should be indented relative to their position in the _____.

Answer (Please select your correct option)

- Code **Correct** Correct answer solved by Hadi
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- Design
- Analysis
- Reuirements

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25



MADE BY WAQAR SIDDHU

Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

STL is a library of reusable components provided by _____ compilers.

Answer (Please select your correct option)

- Java
- Cobol
- SmallTalk
- C++ **Correct**

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26

Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____, the responsibility of instantiation of an object is given to some other object.

Answer (Please select your correct option)

Behavioral

Structural

Creational

Correct

Observer

Correct answer solved by Hadi
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27



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Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ pattern is an example of creational pattern.

Answer (Please select your correct option)

- Facade
- Singleton
- Observer
- Prototyping

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MADE BY WAQAR SIDDHU

Question No : 29 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ pattern hides the implementation of the subsystem from clients, making the subsystem easier to use.

Answer (Please select your correct option)

- Observer
- Fecade
- Creational
- Singleton

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29



MADE BY WAQAR SIDDHU

Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

Indentation larger than _____ makes deeply nested code difficult to read and increases the chance that the lines must be split.

Answer (Please select your correct option)

- 2
- 4 **Correct**
- 3
- 1

Correct answer solved by Hadi
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30

MADE BY WAQAR SIDDHU

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ language allows short circuiting.

Answer (Please select your correct option)

- Pascal
- C
- C++ **Correct**
- ADA

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MADE BY WAQAR SIDDHU

Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ language explicitly specifies which statement should be short circuiting.

Answer (Please select your correct option)

- Pascal
- C
- C++ **Correct**
- ADA

Correct answer solved by Hadi
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32



MADE BY WAQAR SIDDHU

Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

Which phase of software development lifecycle is considered most expensive?

Answer (Please select your correct option)

Requirement Gathering

System Design

Maintenance **Correct**

Development

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33

MADE BY WAQAR SIDDHU

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

Dynamic memory allocation is done from internal memory storage called _____.

Answer (Please select your correct option)

- Cache
- Pool **Correct**
- VRam
- Boot Memory

Correct answer solved by Hadi
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34



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Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

Context level diagram is also known as _____.

Answer (Please select your correct option)

0-level DFD **Correct**

1-level DFD

2-level DFD

3-level DFD

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35



MADE BY WAQAR SIDDHU

Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ server provides set of applications that enable communication among clients using text, images, bulletin boards, video, etc.

Answer (Please select your correct option)

- File
- Database
- Transaction
- Groupware **Correct**

Correct answer solved by Hadi
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36



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Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

Unit testing process is done by _____ stakeholder of the software.

Answer (Please select your correct option)

Project Manager

Customer

Software Engineer

Developer

Correct

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37



MADE BY WAQAR SIDDHU

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

The number of paths in a program that contains loops tends to _____.

Answer (Please select your correct option)

- Finite
- Infinity **Correct**
- Limited
- Countable

Correct answer solved by Hadi
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38



MADE BY WAQAR SIDDHU

Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

When measure of independence of a module or component is low to the other, changes in one component have effect on other component is _____.

Answer (Please select your correct option)

- No
- Low
- High
- Equal

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39



MADE BY WAQAR SIDDHU

Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

UML(Unified Modeling Language) is among different which are used for documenting the object oriented design.

Answer (Please select your correct option)

Reports

Documents

Notations **Correct**

SRS

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40



MADE BY WAQAR SIDDHU

Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

Considers the following values and calculate Cyclomatic Complexity:

- Number of edges = 8
- Number of nodes = 6

Answer ([Please click here to Add Answer](#))

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41



MADE BY WAQAR SIDDHU

Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

Do you agree that a side effect of a function can make things difficult during maintenance or debugging activities?

Answer (Please click here to Add Answer)

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MADE BY WAQAR SIDDHU

Question No : 43 of 52

Marks: 2 (Budgeted Time 4 Min)

As a requirement engineer, you are modeling business requirements according to the function point analysis. Which conditions are mandatory for a function to be categorized as EO?

Answer (Please click here to Add Answer)

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43



MADE BY WAQAR SIDDHU

Question No : 44 of 52

Marks: 2 (Budgeted Time 4 Min)

In which two ways the shift Operator (>>) can be used in C/C++?

Answer (Please click here to Add Answer)

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44



MADE BY WAQAR SIDDHU

Question No : 45 of 52

Marks: 3 (Budgeted Time 6 Min)

Can a tester write test cases without having an in-depth knowledge about the system and requirements from users? Give solid comments.

Answer (Please click here to Add Answer)

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45



MADE BY WAQAR SIDDHU

Question No : 46 of 52

Marks: 3 (Budgeted Time 6 Min)

What is the general style guideline for naming generic variables in a program? Give an example.

Answer ([Please click here to Add Answer](#))

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46



MADE BY WAQAR SIDDHU

Question No : 47 of 52

Marks: 3 (Budgeted Time 6 Min)

Write one advantage and one disadvantage of software inspection.

Answer (Please click here to Add Answer)

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47



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Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

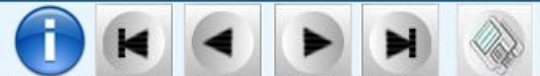
How user requirements are different from functional requirements?

Answer (Please click here to Add Answer)

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48



MADE BY WAQAR SIDDHU

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

In Intel architecture, the lowest byte is the most significant byte while in Motorola architecture the highest byte of a word is the most significant one. Discuss how the above mentioned factor affects portability of program.

Answer (Please click here to Add Answer)

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49



MADE BY WAQAR SIDDHU

Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

Which of the following is/are example of cryptic code?

- 1. `x *= a;`
- 2. `subkey = subkey >> (bitoff - (bitoff >> 3) << 3);`
- 3. `a = a >> 2;`

Answer ([Please click here to Add Answer](#))

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50



MADE BY WAQAR SIDDHU

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

Keeping the defect removal efficiency in mind, draw a comparison between testing and inspection phases of software development lifecycle.

Answer (Please click here to Add Answer)

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51



MADE BY WAQAR SIDDHU

Question No : 52 of 52 **Marks: 5 (Budgeted Time 10 Min)**

As a requirement engineer you should build a good communication relationship with the stakeholders of the company for which you are going to build software. What efforts will you put to establish this relationship?

Answer (Please click here to Add Answer)

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