

UNIT 1-4 (MCQ)

PS04CMCA23 [SE] Quiz-1

Total points10/10

Quiz for Unit-1 of PS04CMCA23 [Software Engineering]

Software is a

1/1

Instructions (Computer Programs)

Data structures

documents

all of these

Correct

_____ is the systematic approach to the development, operation, maintenance and retirement of software.

1/1

Software Process

Software Development

Software Engineering

Correct

Software Deployment

SE is driven by three major factors, namely

1/1

Cost, Quality and Schedule

Correct

Quality, Schedule and Productivity

Process, Product and Quality

None of these

Which one of the following is not true for Software Product?

1/1

Software is developed or engineered.

Software does "wear-out"

Correct

Software is an intangible form.

Software has no any physical characteristics like mass, weight, color etc.

Without proper project planning, a software project is very unlikely to meet its objectives.

1/1

True

Correct

False

The _____ model is well suited for projects that require a large number of features to be developed in a short time around a stable technologies.

1/1

Prototyping

Iterative Enhancement

Spiral

Timeboxing

Correct

The process of creating software systems from predefined software components is referred as

1/1

Software Creation

Software Cloning

Software Reuse

Correct

Software Development

XP stands for

1/1

eXtreme Programming

Correct

eXit Process

eXtra Process

eXtra Program

The goal of SE is "To produce a _____ Software at low cost".

1/1

high quality

Correct

low quality

acceptable quality

working

The cost of a software project is often measured in terms of -

1/1

KiloByte

person-months

Correct

average-effort

person-years

&& &&&

PS04CMCA23 [SE] Quiz-2

Total points10/10

Quiz for Unit-2 of PS04CMCA23 [Software Engineering]

The starting point of the software development activity is -

1/1

Coding

SRS

Correct

Design

None of these

_____ is something that the product must do or a quality that the product must have.

1/1

Requirement

Correct

Response time

Reliability

None of these

To obtain a thorough understanding of what the software needs to provide is the purpose of

1/1

Problem/Requirement Analysis

Correct

Requirement Specifications

Requirement Verification

None of these

Characteristics of SRS (Software Requirement Specification) includes

2/2

Correct
Correct
Reliability
Consistent
Correct
Efficient
Static requirements specify constraints on the execution behavior of the system.
1/1
True
False
Correct

_____ are naturally textual description, and represent the behavioral requirements of the system.

1/1
Use Cases
Correct
Actors
Primary Actor
None of these
COCOMO stands for
1/1
COst COnstructive MOdel
COnstructive COmmon MOdel
COnstructive COst MOdel
Correct
COnstructive COconut MOdel

_____ is the process of determining whether or not the products of a given phase of software development fulfill the specifications established during the previous phase.

1/1
Validation
Verfication
Correct
Inspection
&
V&V

_____ is defined as an exposure to the chance of injury or loss.

1/1
Accident
Risk
Correct
Error
Fault
&& &&&

PS04CMCA23 [SE] Quiz-2
Total points10/10

Quiz for Unit-2 of PS04CMCA23 [Software Engineering]

The starting point of the software development activity is -

1/1
Coding
SRS
Correct
Design

None of these

_____ is something that the product must do or a quality that the product must have.

1/1

Requirement

Correct

Response time

Reliability

None of these

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Requirement Verification

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PS04CMCA23 [SE] Quiz-4

Total points10/10

Quiz for Unit-4 of PS04CMCA23 [Software Engineering]

The purpose of _____ activity is to implement the design in the best possible manner.

1/1

Coding

Correct

Testing

Design

None of these

Structured programming is often regarded as -

1/1

goto-less programming

Correct

goto programming

branching programming

None of these

"Write Code First" approach followed in

1/1

Incremental Coding Process

Correct

Test Driven Development

Pair Programming

None of these

"Write Test Script First" approach followed in

2/2

Test Driven Development

Correct

Incremental Coding Process

Pair Programming

all of these

Error refers to the discrepancy between a computed, observed or measured value and the true, specified or theoretically value.

1/1

True

Correct

False

A _____ is a mechanism, different from the program itself, that can be used to check the correctness of the output of the program for the test cases.

1/1

Test Code

Test Oracle

Correct

Test Suite

None of these

Testing is the process of executing a program with the intent of finding errors

1/1

True

Correct

False

_____ testing is performed with realistic data of the client to demonstrate that the software is working satisfactorily.

1/1

Unit

System

Acceptance

Correct

Integration

The kind of testing is performed during Software Maintenance is known as

-

1/1

Maintenance Testing

Regression Testing

Correct

Alpha Testing

Beta Testing