

National Testing Agency

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Software Engineering

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Software Engineering

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Sub-Section Id :	89951478
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8995144639 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The Set of Activities Used to produce a software product is known as ____

1. Software Process
2. Software Life Cycle
3. Software Procedure
4. Software Metric

Options :

89951418435. 1
89951418436. 2
89951418437. 3
89951418438. 4

Question Number : 2 Question Id : 8995144640 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

How many phases are there in Scrum?

1. Two
2. Three
3. Four
4. Scrum is an agile method which means it does not have phases

Options :

89951418439. 1
89951418440. 2
89951418441. 3
89951418442. 4

Question Number : 3 Question Id : 8995144641 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When acceptance testing is performed in Agile development?

1. On request of customer
2. After system is ready
3. At the end of each iteration
4. Daily

Options :

89951418443. 1
89951418444. 2
89951418445. 3
89951418446. 4

Question Number : 4 Question Id : 8995144642 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who is responsible for sprint meeting?

1. Product owner
2. Scrum team
3. Scrum master
4. All the above

Options :

89951418447. 1

89951418448. 2

89951418449. 3

89951418450. 4

Question Number : 5 Question Id : 8995144643 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Person having direct or indirect influence on system requirement is known as

1. Stakeholder
2. Client
3. Developer
4. Reviewer

Options :

89951418451. 1

89951418452. 2

89951418453. 3

89951418454. 4

Question Number : 6 Question Id : 8995144644 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following property does not correspond to a good Software Requirements Specification (SRS)?

1. Verifiable
2. Ambiguous
3. Complete
4. Traceable

Options :

89951418455. 1

89951418456. 2

89951418457. 3

89951418458. 4

Question Number : 7 Question Id : 8995144645 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who writes the Software Requirement Specifications Document?

1. System developer
2. System Tester
3. System Analyst
4. None of these

Options :

89951418459. 1

89951418460. 2

89951418461. 3

89951418462. 4

Question Number : 8 Question Id : 8995144646 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a phase in STLC (Software Testing Life Cycle)?

1. Test Planning
2. Test case development
3. Test Environment setup
4. Test Integration

Options :

89951418463. 1

89951418464. 2

89951418465. 3

89951418466. 4

Question Number : 9 Question Id : 8995144647 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In Testing RTM Stands for

1. Requirement Traceability Matrix
2. Requirement for Test and Maintenance
3. Ready, Test and Maintain
4. Retest Trace Matrix

Options :

- 89951418467. 1
- 89951418468. 2
- 89951418469. 3
- 89951418470. 4

Question Number : 10 Question Id : 8995144648 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In Testing AUT Stands for

1. Application under Test
2. Application for user Training
3. Accepted by user for Testing
4. Application and user manual for Testing

Options :

- 89951418471. 1
- 89951418472. 2
- 89951418473. 3
- 89951418474. 4

Question Number : 11 Question Id : 8995144649 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not the type of White box testing?

1. Data Flow Testing
2. Branch Testing
3. Statement Testing
4. Boundary Value Testing

Options :

89951418475. 1

89951418476. 2

89951418477. 3

89951418478. 4

Question Number : 12 Question Id : 8995144650 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If the maintenance activity involved in changing the software to make it run in new platform or new OS then it is called _____

1. Corrective maintenance
2. Adaptive maintenance
3. Preventive maintenance
4. Perfective maintenance

Options :

89951418479. 1

89951418480. 2

89951418481. 3

89951418482. 4

Question Number : 13 Question Id : 8995144651 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

COCOMO stands for _____

1. CONsumed COst Mode
2. CONstructive COst Model
3. COMmon COntrol Model
4. COMposition COst Model

Options :

- 89951418483. 1
- 89951418484. 2
- 89951418485. 3
- 89951418486. 4

Question Number : 14 Question Id : 8995144652 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which testing is the re-execution of some subset of tests that have already been conducted to ensure the changes that are not propagated?

1. Unit testing
2. Regression testing
3. Integration testing
4. Thread-based testing

Options :

- 89951418487. 1
- 89951418488. 2
- 89951418489. 3
- 89951418490. 4

Question Number : 15 Question Id : 8995144653 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

CASE Tool stands for_____

1. Computer Aided Software Engineering
2. Component Aided Software Engineering
3. Constructive Aided Software Engineering
4. Computer Analysis Software Engineering

Options :

- 89951418491. 1
- 89951418492. 2
- 89951418493. 3
- 89951418494. 4

Question Number : 16 Question Id : 8995144654 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the most common measure for correctness?

1. Defects per KLOC
2. Errors per KLOC
3. Fault per KLOC
4. Pages of documentation per KLOC

Options :

- 89951418495. 1
- 89951418496. 2
- 89951418497. 3
- 89951418498. 4

Question Number : 17 Question Id : 8995144655 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When a system needs to be created from some existing system, which software design is suitable to use?

1. Top down Approach
2. Bottom up Approach
3. Horizontal Approach
4. Vertical Approach

Options :

89951418499. 1

89951418500. 2

89951418501. 3

89951418502. 4

Question Number : 18 Question Id : 8995144656 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In DFD a rectangle with absence of both smaller sides or as an open-sided rectangle with only one side missing is used to represent _____--

1. Entities
2. Process
3. Data Storage
4. Data Flow

Options :

89951418503. 1

89951418504. 2

89951418505. 3

89951418506. 4

Question Number : 19 Question Id : 8995144657 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which DFD Level is also known as context level DFD?

1. Level 0
2. Level 1
3. Level 2
4. None of the above

Options :

89951418507. 1
89951418508. 2
89951418509. 3
89951418510. 4

Question Number : 20 Question Id : 8995144658 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which Version control System has the following activities?

You Commit, You push, They Pull, They Update

1. Local Version Control Systems
2. Centralized Version Control Systems
3. Distributed Version Control Systems
4. None of the Above.

Options :

89951418511. 1
89951418512. 2
89951418513. 3
89951418514. 4

Question Number : 21 Question Id : 8995144659 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a phase of CMMI?

1. Initial
2. Quantitatively managed
3. Integrated
4. Defined

Options :

- 89951418515. 1
- 89951418516. 2
- 89951418517. 3
- 89951418518. 4

Question Number : 22 Question Id : 8995144660 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Objective of Software Project Planning is to

1. Convince the customer that a project is feasible
2. Make use of historical Project plan
3. Enable a manager to make reasonable estimates of cost and schedule
4. Determine the probable profit margin prior to bidding on a project

Options :

- 89951418519. 1
- 89951418520. 2
- 89951418521. 3
- 89951418522. 4

Question Number : 23 Question Id : 8995144661 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Selection of particular life cycle model is based on

1. Requirements ,Users
2. Technical knowledge of development team
3. Project types and associated risks
4. All of the above

Options :

89951418523. 1
89951418524. 2
89951418525. 3
89951418526. 4

Question Number : 24 Question Id : 8995144662 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

White Box Testing is also known as _____

1. Graph Testing
2. Basic Path
3. Glass box Testing
4. Dataflow

Options :

89951418527. 1
89951418528. 2
89951418529. 3
89951418530. 4

Question Number : 25 Question Id : 8995144663 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How many numbers of maturity levels in CMM are available?

1. 6
2. 4
3. 5
4. 3

Options :

89951418531. 1
89951418532. 2
89951418533. 3
89951418534. 4

Question Number : 26 Question Id : 8995144664 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Term software scope describes _____

1. The functions and features that are to be delivered to end users
2. The Off-the-shelf component
3. The software risk.
4. Scope to user acceptability

Options :

89951418535. 1

89951418536. 2

89951418537. 3

89951418538. 4

Question Number : 27 Question Id : 8995144665 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A. Debugging is not Testing, but always occurs as a consequences of testing

B. Component based software engineering emphasizes on coupling

1. Both A & B are True
2. Both A & B are False
3. A is True & B is False
4. A is False & B is true

Options :

89951418539. 1

89951418540. 2

89951418541. 3

89951418542. 4

Question Number : 28 Question Id : 8995144666 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

There are _____ number of forms exists in Barry Boehm's COCOMO Model.

1. Two
2. Three
3. Four
4. Five

Options :

89951418543. 1

89951418544. 2

89951418545. 3

89951418546. 4

Question Number : 29 Question Id : 8995144667 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which tools are used for project planning, cost, effort estimation, project scheduling and resource planning?

1. Process modeling tools
2. Project management tools
3. Diagram tools
4. Documentation tools

Options :

89951418547. 1

89951418548. 2

89951418549. 3

89951418550. 4

Question Number : 30 Question Id : 8995144668 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Spiral Model of Software Development

1. Ends with the delivery of the Software product
2. Is more Chaotic than the incremental model
3. Includes Project Risks evaluation during each iteration
4. All of the above

Options :

- 89951418551. 1
- 89951418552. 2
- 89951418553. 3
- 89951418554. 4

Question Number : 31 Question Id : 8995144669 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

W5HH principle is suggested by

1. Barry Boehm
2. Larry Wall
3. Jeff Ullman
4. Grace Brewster

Options :

- 89951418555. 1
- 89951418556. 2
- 89951418557. 3
- 89951418558. 4

Question Number : 32 Question Id : 8995144670 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

W5HH principle is applicable to _____

1. Medium Size Less Complicated Software Project
2. Large Size Less Complicated Software Project
3. Large Size Most Complicated Software Project
4. Any size and all type of complicated problem

Options :

- 89951418559. 1
- 89951418560. 2
- 89951418561. 3
- 89951418562. 4

Question Number : 33 Question Id : 8995144671 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not part of W5HH Principle?

1. Why is the system being developed?
2. What will be done, by when?
3. Who is responsible for a function?
4. What software Life Cycle model will be followed?

Options :

- 89951418563. 1
- 89951418564. 2
- 89951418565. 3
- 89951418566. 4

Question Number : 34 Question Id : 8995144672 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The four P's of management spectrum are_____

1. People, Product, Process, Project
2. Perfection, Product, Process, Project
3. Planning, Product, Process, Project
4. People, Product, Payment, Project

Options :

- 89951418567. 1
- 89951418568. 2
- 89951418569. 3
- 89951418570. 4

Question Number : 35 Question Id : 8995144673 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Key practice areas for software people management does not include ____

1. Recruiting People for project
2. Training of people
3. performance management
4. Life style of people

Options :

- 89951418571. 1
- 89951418572. 2
- 89951418573. 3
- 89951418574. 4

Question Number : 36 Question Id : 8995144674 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

What will be your first step in project planning?

1. Establish the objectives and scope of the product.
2. Determine the project constraints.
3. Select the team
4. Determine the Time

Options :

- 89951418575. 1
- 89951418576. 2
- 89951418577. 3
- 89951418578. 4

Question Number : 37 Question Id : 8995144675 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

To minimize the risk of software failure , the Manager should ____

1. Track the Process
2. Request the Large budget
3. increase the team size
4. conduct Many meeting

Options :

89951418579. 1

89951418580. 2

89951418581. 3

89951418582. 4

Question Number : 38 Question Id : 8995144676 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When you build a product or system, it's important to go through a series of predictable steps , the process which you follow to develop it is known as _____

1. Software design
2. Software process
3. Software schedule
4. Framework

Options :

89951418583. 1

89951418584. 2

89951418585. 3

89951418586. 4

Question Number : 39 Question Id : 8995144677 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____contains an analysis of what went wrong, what went right, and what you could have done better in the software project.

1. Prepare closedown report
2. Identify learning
3. Identify reusable software components
4. Prepare Cause & Remedy Report

Options :

89951418587. 1
89951418588. 2
89951418589. 3
89951418590. 4

Question Number : 40 Question Id : 8995144678 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who is not considered as Stake Holder?

1. Customers
2. End –User
3. Project manager
4. Sales Person

Options :

89951418591. 1
89951418592. 2
89951418593. 3
89951418594. 4

Question Number : 41 Question Id : 8995144679 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a Software Configuration Management Activity?

1. configuration item identification
2. Risk management
3. Release management
4. Branch management

Options :

89951418595. 1

89951418596. 2

89951418597. 3

89951418598. 4

Question Number : 42 Question Id : 8995144680 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The first stage in the change management process is to complete a

1. Change request form
2. Change assessment
3. Change costing
4. Change control board

Options :

89951418599. 1

89951418600. 2

89951418601. 3

89951418602. 4

Question Number : 43 Question Id : 8995144681 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Quality costs may be divided into costs associated with

1. Prevention, Appraisal and failure
2. People, Product and Process
3. Customers, Developers and Maintenance
4. All of the above

Options :

- 89951418603. 1
- 89951418604. 2
- 89951418605. 3
- 89951418606. 4

Question Number : 44 Question Id : 8995144682 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What information is required to process a change to a baseline?

- 1. Reasons for making the changes
- 2. A description of the proposed changes
- 3. List of other items affected by the changes
- 4. All of the mentioned

Options :

- 89951418607. 1
- 89951418608. 2
- 89951418609. 3
- 89951418610. 4

Question Number : 45 Question Id : 8995144683 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How are baselines verified?

- 1. By reviews
- 2. By inspections
- 3. By testing of code
- 4. All of the mentioned

Options :

- 89951418611. 1
- 89951418612. 2
- 89951418613. 3
- 89951418614. 4

Question Number : 46 Question Id : 8995144684 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not one of the three software product aspects addressed by McCall's software quality factors?

1. Ability to undergo change
2. Adaptability to new environments
3. Operational characteristics
4. Production costs and scheduling

Options :

- 89951418615. 1
- 89951418616. 2
- 89951418617. 3
- 89951418618. 4

Question Number : 47 Question Id : 8995144685 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

CCB stands for

1. Change Control Board
2. Change Control Baseline
3. Change Control Baseline
4. Cumulative Changes in Baseline

Options :

- 89951418619. 1
- 89951418620. 2
- 89951418621. 3
- 89951418622. 4

Question Number : 48 Question Id : 8995144686 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which is not a step of Requirement Engineering?

1. Requirements elicitation
2. Requirements analysis
3. Requirements design
4. Requirements documentation

Options :

- 89951418623. 1
- 89951418624. 2
- 89951418625. 3
- 89951418626. 4

Question Number : 49 Question Id : 8995144687 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The process together the software requirements from Client, Analyze and Document is known as _____

1. Requirement engineering process
2. Requirement elicitation process
3. User interface requirements
4. Software system analyst

Options :

- 89951418627. 1
- 89951418628. 2
- 89951418629. 3
- 89951418630. 4

Question Number : 50 Question Id : 8995144688 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who writes the software Requirement Specifications document?

1. System Tester
2. System Analyst
3. System Developer
4. System Manager

Options :

- 89951418631. 1
- 89951418632. 2
- 89951418633. 3
- 89951418634. 4

Question Number : 51 Question Id : 8995144689 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A product which is manufactured by using the degree of the design specification...

- 1. Quality of conformance
- 2. Quality Control
- 3. Quality Assurance
- 4. None of the above

Options :

- 89951418635. 1
- 89951418636. 2
- 89951418637. 3
- 89951418638. 4

Question Number : 52 Question Id : 8995144690 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is a generic structure that is extended to create a more specific subsystem or application?

- 1. Software reuse
- 2. Object-oriented programming language
- 3. Framework
- 4. None of the mentioned

Options :

- 89951418639. 1
- 89951418640. 2
- 89951418641. 3
- 89951418642. 4

Question Number : 53 Question Id : 8995144691 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

COTS stands for

1. Commercial Off-The-Shelf systems
2. Commercial Off-The-Shelf states
3. Commercial Off-The-System state
4. None of the mentioned

Options :

89951418643. 1

89951418644. 2

89951418645. 3

89951418646. 4

Question Number : 54 Question Id : 8995144692 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an advantage of software reuse?

1. lower costs
2. faster software development
3. high effectiveness
4. lower risks

Options :

89951418647. 1

89951418648. 2

89951418649. 3

89951418650. 4

Question Number : 55 Question Id : 8995144693 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The SRS is said to be *consistent* if and only if

1. Its structure and style are such that any changes to the requirements can be made easily while retaining the style and structure
2. Every requirement stated therein is one that the software shall meet
3. Every requirement stated therein is verifiable
4. No subset of individual requirements described in it conflict with each other

Options :

- 89951418651. 1
- 89951418652. 2
- 89951418653. 3
- 89951418654. 4

Question Number : 56 Question Id : 8995144694 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When should you stop testing?

1. When time for testing has run out.
2. When the test completion criteria have been met
3. When all planned tests have been run
4. When no faults have been found by the tests run

Options :

- 89951418655. 1
- 89951418656. 2
- 89951418657. 3
- 89951418658. 4

Question Number : 57 Question Id : 8995144695 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How would you estimate the amount of re-testing likely to be required?

1. Metrics from previous similar projects
2. Discussions with the development team
3. 1 & 2
4. Time allocated for regression testing

Options :

89951418659. 1

89951418660. 2

89951418661. 3

89951418662. 4

Question Number : 58 Question Id : 8995144696 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is true of the V-model?

1. It states that modules are tested against user requirements.
2. It specifies the test techniques to be used.
3. It only models the testing phase.
4. It includes the verification of designs.

Options :

89951418663. 1

89951418664. 2

89951418665. 3

89951418666. 4

Question Number : 59 Question Id : 8995144697 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The later in the development life cycle a fault is discovered, the more expensive it is to fix. Why?

1. The documentation is poor, so it takes longer to find out what the software is doing.
2. The fault has been built into more documentation, code, tests, etc.
3. Wages are rising
4. None of the above

Options :

- 89951418667. 1
- 89951418668. 2
- 89951418669. 3
- 89951418670. 4

Question Number : 60 Question Id : 8995144698 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following techniques is NOT a black box technique?

1. State transition testing
2. LCSAJ (Linear Code Sequence and Jump)
3. Syntax testing
4. Boundary value analysis

Options :

- 89951418671. 1
- 89951418672. 2
- 89951418673. 3
- 89951418674. 4

Question Number : 61 Question Id : 8995144699 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In waterfall model, phases

1. overlap
2. are not linear
3. are not sequential
4. not overlap

Options :

89951418675. 1

89951418676. 2

89951418677. 3

89951418678. 4

Question Number : 62 Question Id : 8995144700 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Project planning is defined by CMMI for category

1. Project management
2. Information Management
3. Supplier Agreement Management
4. Risk Management

Options :

89951418679. 1

89951418680. 2

89951418681. 3

89951418682. 4

Question Number : 63 Question Id : 8995144701 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is a not measurable characteristic of an object oriented design?

1. Completeness
2. Efficiency
3. Size
4. Volatility

Options :

89951418683. 1

89951418684. 2

89951418685. 3

89951418686. 4

Question Number : 64 Question Id : 8995144702 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In a flow Graph a node having only outgoing branches.

1. Input node
2. Output node
3. Output node
4. Outgoing node

Options :

89951418687. 1

89951418688. 2

89951418689. 3

89951418690. 4

Question Number : 65 Question Id : 8995144703 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Loop which do not possess any common node are said to be _____ loops.

1. Forward gain
2. Touching loops
3. Non touching loops
4. Feedback gain

Options :

89951418691. 1
89951418692. 2
89951418693. 3
89951418694. 4

**Question Number : 66 Question Id : 8995144704 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Which of the following is the worst type of module cohesion?

1. Logical Cohesion
2. Temporal Cohesion
3. Functional Cohesion
4. Coincidental Cohesion

Options :

89951418695. 1
89951418696. 2
89951418697. 3
89951418698. 4

**Question Number : 67 Question Id : 8995144705 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

In what type of coupling, the complete data structure is passed from one module to another?

1. Control Coupling
2. Stamp Coupling
3. External Coupling
4. Content Coupling

Options :

89951418699. 1

89951418700. 2

89951418701. 3

89951418702. 4

Question Number : 68 Question Id : 8995144706 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If all tasks must be executed in the same time-span, what type of cohesion is being exhibited?

1. Functional Cohesion
2. Temporal Cohesion
3. Functional Cohesion
4. Sequential Cohesion

Options :

89951418703. 1

89951418704. 2

89951418705. 3

89951418706. 4

Question Number : 69 Question Id : 8995144707 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a Test Type?

1. Database Testing
2. Security Testing
3. Statement Testing
4. Functional Testing

Options :

- 89951418707. 1
- 89951418708. 2
- 89951418709. 3
- 89951418710. 4

Question Number : 70 Question Id : 8995144708 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

White Box Testing can be started :

- 1. After Installation
- 2. After SRS Creation
- 3. After Programming
- 4. After Designing

Options :

- 89951418711. 1
- 89951418712. 2
- 89951418713. 3
- 89951418714. 4

Question Number : 71 Question Id : 8995144709 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A program with high cyclometric complexity is likely to be:

- 1. Large
- 2. Small
- 3. Difficult to write
- 4. Difficult to test

Options :

- 89951418715. 1
- 89951418716. 2
- 89951418717. 3
- 89951418718. 4

Question Number : 72 Question Id : 8995144710 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is a step in which design is translated into machine-readable form.

1. Design
2. Conversion
3. Debugging
4. Coding

Options :

89951418719. 1
89951418720. 2
89951418721. 3
89951418722. 4

Question Number : 73 Question Id : 8995144711 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A step in waterfall model that involves a meeting with the customer to understand the requirements.

1. Requirement Gathering
2. SRS
3. Implementation
4. Customer review

Options :

89951418723. 1
89951418724. 2
89951418725. 3
89951418726. 4

Question Number : 74 Question Id : 8995144712 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In incremental process model, requirement and specification of software are collected in

1. communication framework
2. modeling framework
3. deployment framework
4. planning framework

Options :

89951418727. 1

89951418728. 2

89951418729. 3

89951418730. 4

Question Number : 75 Question Id : 8995144713 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which model can be selected if user is involved in all the phases of SDLC?

1. Waterfall Model
2. Prototyping Model
3. RAD Model
4. both Prototyping Model & RAD Model

Options :

89951418731. 1

89951418732. 2

89951418733. 3

89951418734. 4

Question Number : 76 Question Id : 8995144714 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

RAD Model has

1. 2 phases
2. 3 phase
3. 5 phases
4. 6 phases

Options :

- 89951418735. 1
- 89951418736. 2
- 89951418737. 3
- 89951418738. 4

Question Number : 77 Question Id : 8995144715 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the disadvantage of Spiral Model.

- 1. Doesn't work well for smaller projects
- 2. High amount of risk analysis
- 3. Strong approval and documentation control
- 4. Additional Functionality can be added at a later date

Options :

- 89951418739. 1
- 89951418740. 2
- 89951418741. 3
- 89951418742. 4

Question Number : 78 Question Id : 8995144716 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which is focused towards the goal of the organization?

- 1. Feasibility study
- 2. Requirement gathering
- 3. Software requirement specification
- 4. Software requirement validation

Options :

- 89951418743. 1
- 89951418744. 2
- 89951418745. 3
- 89951418746. 4

Question Number : 79 Question Id : 8995144717 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following Review Technique is / are not time bound?

1. Inspection
2. Walkthrough
3. Both of These
4. None of These

Options :

89951418747. 1
89951418748. 2
89951418749. 3
89951418750. 4

Question Number : 80 Question Id : 8995144718 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cyclomatic Complexity is computed as _____ .

1. The number of regions of the flow graph corresponds to the Cyclomatic Complexity.
2. Cyclomatic Complexity, $V(G)$, for a flow graph, G , is defined as $V(G) = E - N + 2$ where E is the number of flow graph edges, N is the number of flow graph nodes.
3. Cyclomatic Complexity, $V(G)$, for a flow graph, G , is also defined as $V(G) = P + 1$ where P is the number of predicate nodes contained in the flow graph G .
4. All of the above.

Options :

89951418751. 1
89951418752. 2
89951418753. 3
89951418754. 4

Question Number : 81 Question Id : 8995144719 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not type of software review

1. Software Peer Review
2. Software Management Review
3. Software Audit Review
4. Software QA Review

Options :

89951418755. 1
89951418756. 2
89951418757. 3
89951418758. 4

**Question Number : 82 Question Id : 8995144720 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

The largest percentage of total life cycle cost of software is

1. Design Cost
2. Maintenance Cost
3. Coding Cost
4. Testing Cost

Options :

89951418759. 1
89951418760. 2
89951418761. 3
89951418762. 4

**Question Number : 83 Question Id : 8995144721 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

..... testing is appropriate for object-oriented systems in that individual objects
may be tested using their own test drivers they are then integrated and the object collection is tested.

1. Top-down
2. Bottom-up
3. Thread
4. Stress

Options :

- 89951418763. 1
- 89951418764. 2
- 89951418765. 3
- 89951418766. 4

Question Number : 84 Question Id : 8995144722 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Coupling and cohesion can be represented using a _____ .

- 1. Cause-effect graph
- 2. Dependence matrix
- 3. Structure chart
- 4. SRS

Options :

- 89951418767. 1
- 89951418768. 2
- 89951418769. 3
- 89951418770. 4

Question Number : 85 Question Id : 8995144723 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which classes implements the lower-level business abstractions that required to fully manage the business domain classes?

- 1. User interface classes
- 2. Business domain classes
- 3. Process classes
- 4. System classes

Options :

- 89951418771. 1
- 89951418772. 2
- 89951418773. 3
- 89951418774. 4

Question Number : 86 Question Id : 8995144724 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which design defines the logical structure of each module and their interfaces that is used to communicate with other modules?

1. High-level designs
2. Architectural designs
3. Detailed design
4. All mentioned above

Options :

89951418775. 1
89951418776. 2
89951418777. 3
89951418778. 4

Question Number : 87 Question Id : 8995144725 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Verification is the responsibility of

1. Developer
2. Designer
3. Tester
4. QA Team

Options :

89951418779. 1
89951418780. 2
89951418781. 3
89951418782. 4

Question Number : 88 Question Id : 8995144726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not true?

1. Content coupling in a module is desirable
2. Logical cohesion in a module is desirable
3. Stamp coupling is preferred over functional coupling
4. All Of these

Options :

89951418783. 1

89951418784. 2

89951418785. 3

89951418786. 4

Question Number : 89 Question Id : 8995144727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a part of bug report?

1. Test case
2. Output
3. Software Version
4. LOC

Options :

89951418787. 1

89951418788. 2

89951418789. 3

89951418790. 4

Question Number : 90 Question Id : 8995144728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cyclomatic Complexity method comes under which testing method

1. Yellow box
2. White box
3. Gray box
4. Black box

Options :

89951418791. 1
89951418792. 2
89951418793. 3
89951418794. 4

Question Number : 91 Question Id : 8995144729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following costs is not part of the total effort cost?

1. Costs of networking and communications
2. Costs of providing heating and lighting office space
3. Costs of lunch time food
4. Costs of support staff

Options :

89951418795. 1
89951418796. 2
89951418797. 3
89951418798. 4

Question Number : 92 Question Id : 8995144730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which model assumes that systems are created from reusable components, scripting or database programming?

1. An application-composition model
2. A post-architecture model
3. A reuse model
4. An early design model

Options :

89951418799. 1
89951418800. 2
89951418801. 3
89951418802. 4

Question Number : 93 Question Id : 8995144731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What kind of approach was introduced for elicitation and modelling to give a functional view of the System?

1. Object Oriented Design
2. Use Cases
3. Fusion
4. Object Modeling Technique

Options :

89951418803. 1
89951418804. 2
89951418805. 3
89951418806. 4

Question Number : 94 Question Id : 8995144732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the noise in terms of software Development?

1. Writing irrelevant statement to the software development in the SRS document
2. Adding contradictory requirements in SRS document
3. Writing Over specific requirement
4. None of the above

Options :

89951418807. 1
89951418808. 2
89951418809. 3
89951418810. 4

Question Number : 95 Question Id : 8995144733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Five dimensions that must be managed on a project

1. Constraint, Quality, Cost, Schedule, Staff
2. Features, Quality, Cost, Schedule, Staff
3. Features, priority, Cost, Schedule, Staff
4. Features, Quality, Cost, Schedule, customer

Options :

89951418811. 1

89951418812. 2

89951418813. 3

89951418814. 4

Question Number : 96 Question Id : 8995144734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The functionality of standards does not include which of the following?

1. Address classes of services
2. Address classes of attributes
3. All of the mentioned
4. None of the mentioned

Options :

89951418815. 1

89951418816. 2

89951418817. 3

89951418818. 4

Question Number : 97 Question Id : 8995144735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When the customer may ask for new features or functions in the software, what does it mean in Software maintenance?

1. Host modifications
2. Client requirements
3. Market conditions
4. Organization changes

Options :

- 89951418819. 1
- 89951418820. 2
- 89951418821. 3
- 89951418822. 4

Question Number : 98 Question Id : 8995144736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Software process and improvement are assessed by ____.

- 1. A.ISO 9000
- 2. B. ISO 9001
- 3. C. SPICE (ISO/IEC15504)
- 4. D. Both b and c

Options :

- 89951418823. 1
- 89951418824. 2
- 89951418825. 3
- 89951418826. 4

Question Number : 99 Question Id : 8995144737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The six sigma for software engineering what gives the existing process and its output to determine the current quality performance?

- 1. Define
- 2. Analyze
- 3. Measure
- 4. None of the above

Options :

- 89951418827. 1
- 89951418828. 2
- 89951418829. 3
- 89951418830. 4

Question Number : 100 Question Id : 8995144738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is not a software process quality?

1. Productivity
2. Portability
3. Timeliness
4. Visibility

Options :

89951418831. 1

89951418832. 2

89951418833. 3

89951418834. 4