

MARUTHI SCHOOL OF BANKING (MSB)
SO IT - SOFTWARE ENGINEERING (2017)

1. Which of the following model is a combination of Iterative model and Waterfall model?

1. linear-sequential Model **2. Spiral Model**
3. V Model 4. None of the Above

2. SRS stands for _____

1. Software Resolution Specification
2. Software Requirement Standards
3. Software Response Service
4. Software Requirements Specifications

3. Which of the following model is also referred to as a linear-sequential life cycle model?

- 1. Waterfall Model** 2. Iterative Model
3. Spiral Model 4. V Model

4. SDLC stands for _____

1. Software Department Load Cycle
2. Software Department Life Cycle
3. Software Development Load Cycle
4. Software Development Life Cycle

5. According to Lehman's laws of software evolution, the software can be divided into _____ types.

1. Two 2. Four **3. Three** 4. Six

6. What is the final result of the requirements analysis and specifications phase?

1. data flow diagram **2. SRS Document**
3. Coding the project 4. User Manual

7. In software development, What is noise?

1. Adding requirements in SRS document
2. Writing irrelevant statement in SRS document
3. Writing over-specific requirements in SRS document
4. None of the Above

8. The 4GT Model is a package of ?

1. CASE Tools **2. Software tools**
3. Both 1 and 2 4. None of the Above

9. Risk analysis of a project is done in _____

1. System Analysis phase
2. Implementation phase
3. Maintenance phase
4. Feasibility Study

10. Which of the following is the most important phase of Software Development Life Cycle (SDLC)?

- 1. Requirements analysis** 2. Coding
3. Testing 4. Designing

11. Which of the following is/are included in the Software Requirement Specification(SRS) document?

1. Functional requirements
2. Non-Functional requirements
3. Goals of Implementation
4. All of the Above

12. Black box testing is also known as _____

1. graph based testing 2. loop testing
3. behavioral testing 4. None of the Above

13. White box testing, a software testing technique is also called _____

1. graph based testing 2. loop testing
3. data flow testing **4. structural testing**

14. In Software development prototype is a

1. Mini-model of existing system
2. rudimentary working model of a product
3. Working model of the existing system
4. None of the above

15. _____ is a popular version of the Systems Development Life Cycle (SDLC) model for Software Engineering.

- 1. Waterfall Model** 2. Iterative Model
3. Spiral Model 4. V Model

16. In RAD model, RAD stands for _____

1. Random Application Development
2. Rapid Access Development
3. Random Application Design
4. Rapid Application Development

17. The traditional methodology used to develop, maintain, and replace information systems is

- 1. SDLC** 2. RAD 3. OOAD
4. prototyping

18. Automated tools for design are also called

- 1. CASE Tools** 2. System design
3. DFD 4. RAD

19. Which of the following is the Central component of any CASE tool?

1. CASE concentrator 2. CASE origin
3. CASE repository 4. None of the above

20. The phase of the SDLC in which an information system is systematically repaired and improved is referred to as _____

1. analysis
2. implementation
- 3. Maintenance**
4. None of the above

21. A computer program can often be a very satisfactory _____ of a physical system such as road traffic conditions.

1. solution
2. Replacement
3. model
- 4. simulation**

22. Which of the following software engineering concept does Ada language support?

1. abstraction
2. generic
3. information hiding
- 4. All of the Above**

23. A module that is supplied along with the programming language translator to make the language easier is called a/an _____

- 1. intrinsic function**
2. benchmark program
3. data structure
4. None of the Above

24. The model which reduces the cost of development of software is _____

1. waterfall model
2. spiral
- 3. Prototyping**
4. None of the Above

25. The model which estimates the total effort in terms of person, months of the technical project staff, is _____

1. waterfall model
2. spiral
- 3. COCOMO Model**
4. prototyping

26. The graph theoretic concept will be useful in software testing is _____

- 1. Cyclomatic number**
2. Eulerian Cycle
3. Hamultonian circuit
4. Prototyping

27. A desirable property of module is _____

1. Multifunctional
- 2. independency**
3. high coupling
4. None of the Above

28. The maximum effort distribution in phases of software development is _____

1. requirement analysis
- 2. testing**
3. Coding
4. None of the Above

29. COM stands for _____

1. Computer on Microprocessor
2. Computer Output Microprocessor
3. Computer on Microfilm
- 4. Computer Output Microfilm**

30. In Object oriented design of software, objects have _____

1. Attributes
2. Operations
- 3. Both 1 and 2**
4. None of the Above

31. When elements of module are grouped together, which are activated sequentially in order to perform a task is known as?

1. Functional Cohesion
2. Temporal Cohesion
3. Logical Cohesion
- 4. Procedural Cohesion**
5. None of the Above

When elements of module are grouped together, which are activated sequentially in order to perform a task is known as Procedural Cohesion. Cohesion refers to the degree to which the elements of a module belong together.

32. All statements are activated at a single time is termed as?

1. Functional Cohesion
- 2. Temporal Cohesion**
3. Logical Cohesion
4. Procedural Cohesion
5. None of the Above

All statements are activated at a single time is termed as Temporal Cohesion

33. A module has _____ if the elements of module have no meaningful relationship to one another.

1. Functional Cohesion
2. Temporal Cohesion
3. Logical Cohesion
4. Procedural Cohesion
- 5. Coincidental Cohesion**

A module has Coincidental Cohesion if the elements of module have no meaningful relationship to one another.

34. In _____, all of the elements of, module contribute to a single, well-defined task?

- 1. Functional Cohesion**
2. Temporal Cohesion
3. Logical Cohesion
4. Procedural Cohesion
5. Coincidental Cohesion

In Functional Cohesion, all of the elements of, module contribute to a single, well-defined task

35. In which of the following cohesion the elements of a module perform different functions, but each function references the same input or output?

1. Functional Cohesion
- 2. Communicational Cohesion**
3. Logical Cohesion
4. Procedural Cohesion
5. Coincidental Cohesion

In Communicational cohesion the elements of a module perform different functions, but each function references the same input or output

36. In _____ module elements perform similar activities and in which the activities to be executed are chosen from outside the module.

1. Functional Cohesion
2. Communicational Cohesion
- 3. Logical Cohesion**
4. Procedural Cohesion
5. Coincidental Cohesion

In Logical Cohesion module elements perform similar activities and in which the activities to be executed are chosen from outside the module.

37. In _____ module elements are related such that output data from one function serves as the input data to the next function.

- 1. Sequential Cohesion**
2. Communicational Cohesion
3. Logical Cohesion
4. Procedural Cohesion
5. Coincidental Cohesion

In sequential module elements are related such that output data from one function serves as the input data to the next function.

38. Which of the following describes a method of development that is linear and sequential?

- 1. Water fall**
2. Spiral
3. RAD
4. Incremental
5. None of these

The waterfall model is a sequential (non-iterative) design process, used in software development processes.

39. Which of the following is a risk-driven process model generator for software projects?

1. Water fall
 - 2. Spiral**
 3. RAD
 4. Incremental
 5. None of these
- Spiral model is a risk-driven process model generator for software projects.

40. Which of the following is a type of incremental model?

1. Water fall
 2. Spiral
 - 3. RAD**
 4. Incremental
 5. None of these
- RAD model is Rapid Application Development model. It is a type of incremental model.

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