

# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - --Software Engineering

Course Code - BCSC403

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Answer all the questions. Each question carry one mark.

9. 1. Which one of the following models is not suitable for accommodating any change

*Mark only one oval.*

- Build & Fix Model
- Prototyping Model
- RAD Model
- Waterfall Model

10. 2. Which of the following term describes testing

*Mark only one oval.*

- Finding broken code
- Evaluating deliverable to find errors
- A stage of all projects
- None of the mentioned

11. 3. Lower and upper limits are present in which chart

*Mark only one oval.*

- Run chart
- Bar chart
- Control chart
- None of the mentioned

12. 4. What is Cyclomatic complexity

*Mark only one oval.*

- Black box testing
- White box testing
- Yellow box testing
- Green box testing

13. 5.Maintenance testing is performed using which methodology

*Mark only one oval.*

- Retesting
- Sanity testing
- Breadth test and depth test
- Confirmation testing

14. 6. White Box techniques are also classified as

*Mark only one oval.*

- Design based testing
- Structural testing
- Error guessing technique
- None of the mentioned

15. 7. Exhaustive testing is

*Mark only one oval.*

- always possible
- practically possible
- impractical but possible
- impractical and impossible

16. 8. Which of the following is/are White box technique

*Mark only one oval.*

- Statement Testing
- Decision Testing
- Condition Coverage
- All of the mentioned

17. 9. What are the various Testing Levels

*Mark only one oval.*

- Unit Testing
- System Testing
- Integration Testing
- All of the mentioned

18. 10. Boundary value analysis belong to

*Mark only one oval.*

- White Box Testing
- Black Box Testing
- White Box & Black Box Testing
- None of the mentioned

19. 11. Alpha testing is done at

*Mark only one oval.*

- Developer's end
- User's end
- Developer's & User's end
- None of the mentioned

20. 12. The testing in which code is checked

*Mark only one oval.*

- Black box testing
- White box testing
- Red box testing
- Green box testing

21. 13. Testing done without planning and Documentation is called

*Mark only one oval.*

- Unit testing
- Regression testing
- Adhoc testing
- None of the mentioned



22. 14. Acceptance testing is also known as

*Mark only one oval.*

- Grey box testing
- White box testing
- Alpha Testing
- Beta testing

23. 15. Which of the following is non-functional testing

*Mark only one oval.*

- Black box testing
- Performance testing
- Unit testing
- None of the mentioned

24. 16. Software is divided into separately Named and Addressable Components and it is called as \_\_

*Mark only one oval.*

- Software
- Cohesion
- Module
- None of the mentioned

25. 17. In Software Development Life Cycle, who is the best person to catch a Defect

*Mark only one oval.*

- Business Analyst
- Software Tester
- Designer
- Developer

26. 18. Where is the prototyping model of software development well suited

*Mark only one oval.*

- When requirements are well defined
- For projects with large development teams
- When a customer cannot define requirements clearly
- None of the mentioned

27. 19. System Analysts have which of these following responsibilities

*Mark only one oval.*

- Analyzing and understanding the requirements of intended software
- Understanding how the project will contribute in the organization objectives
- Identify sources of requirement
- All of the mentioned

28. 20. The ability to encourage the technical people to produce their best ability is known as \_\_\_\_\_

*Mark only one oval.*

- Organization
- Motivation
- Ideas or innovation
- None of the mentioned

29. 21. The software \_\_\_\_\_ of a program or computing system is the structure or structures of the system, which comprise software components, the externally visible properties of those components, and the relationships among them

*Mark only one oval.*

- Design
- Architecture
- Process
- Requirement

30. 22. The spiral model was originally proposed by

*Mark only one oval.*

- IBM
- Barry Boehm
- Pressman
- Royce

31. 23. The spiral model has two dimensions namely \_\_\_\_\_ and \_\_\_\_\_

*Mark only one oval.*

- diagonal, angular
- radial, perpendicular
- radial, angular
- diagonal, perpendicular

32. 24. RAD stands for

*Mark only one oval.*

- Relative Application Development
- Rapid Application Development
- Rapid Application Document
- None of the mentioned

33. 25. Which one of the following is not a phase of Prototyping Model

*Mark only one oval.*

- Quick Design
- Coding
- Prototype Refinement
- Engineer Product

34. 26. Which two models don't allow defining requirements early in the cycle

*Mark only one oval.*

- Waterfall & RAD
- Prototyping & Spiral
- Prototyping & RAD
- Waterfall & Spiral

35. 27. Which of the following life cycle model can be chosen if the development team has less experience on similar projects

*Mark only one oval.*

- Spiral
- Waterfall
- RAD
- Iterative Model

36. 28. If you were a lead developer of a software company and you are asked to submit a project/ product within a stipulated time-frame with no cost barriers, which model would you select

*Mark only one oval.*

- Spiral
- Waterfall
- RAD
- Iterative Model

37. 29. Which two of the following models will not be able to give the desired outcome if user's participation is not involved

*Mark only one oval.*

- Waterfall & Spiral
- RAD & Spiral
- RAD & Waterfall
- RAD & Prototyping

38. 30. A company is developing an advanced version of their current software available in the market, what model approach would they prefer

*Mark only one oval.*

- RAD
- Iterative Enhancement
- Both RAD & Iterative Enhancement
- Spiral

39. 31. Which project is undertaken as a consequence of a specific customer request

*Mark only one oval.*

- Concept development projects
- Application enhancement projects
- New application development projects
- Application maintenance projects

40. 32. If requirements are easily understandable and defined then which model is best suited

*Mark only one oval.*

- Spiral model
- Waterfall model
- Prototyping model
- None of the mentioned

41. 33. \_\_\_\_\_ are applied throughout the software process

*Mark only one oval.*

- Framework activities
- Umbrella activities
- Planning activities
- Construction activities

42. 34. 'FAN IN' of a component A is defined as

*Mark only one oval.*

- Count of the number of components that can call, or pass control, to a component A
- Number of components related to component A
- Number of components dependent on component A
- None of the mentioned

43. 35. Prototyping aims at....

*Mark only one oval.*

- end user understanding and approval
- program logic
- planning of data flow organization
- none of these

44. 36. Which is true for SRS

*Mark only one oval.*

- SRS is the main input of the software product design process
- SRS is the main output to the engineering design process
- SRS is the main output of the requirements specification activity
- None of the mentioned

45. 37. What is the first step of requirement elicitation

*Mark only one oval.*

- Identifying Stakeholders
- Listing out Requirements
- Requirements Gathering
- All of the mentioned



46. 38. Which of the following is not defined in a good Software Requirement Specification (SRS) document

*Mark only one oval.*

- Functional Requirement
- Nonfunctional Requirement
- Goals of implementation
- Algorithm for software implementation

47. 39. \_\_\_\_\_ and \_\_\_\_\_ are the two issues of Requirement Analysis

*Mark only one oval.*

- Performance, Design
- Stakeholder, Developer
- Functional, Non-Functional
- None of the mentioned

48. 40. Which phase is included in the SRS

*Mark only one oval.*

- Error handling
- Data descriptions
- Functional Description
- Performance Description

49. 41. Requirement engineering process includes which of these steps

*Mark only one oval.*

- Feasibility study
- Requirement Gathering
- Software Requirement specification & Validation
- All of the mentioned

50. 42. Which document is created by system analyst after the requirements are collected from Various stakeholders

*Mark only one oval.*

- Software requirement specification
- Software requirement validation
- Feasibility study
- Requirement Gathering

51. 43. Which documentation works as a key tool for software designer, developer and their test team is to carry out their respective tasks

*Mark only one oval.*

- Requirement documentation
- User documentation
- Software design documentation
- Technical documentation

52. 44. Which one of the following is a requirement that fits in a developer's module

*Mark only one oval.*

- Availability
- Testability
- Usability
- Flexibility

53. 45. Why is Requirements Elicitation a difficult task

*Mark only one oval.*

- Problem of scope
- Problem of understanding
- Problem of volatility
- All of the mentioned

54. 46. What are the types of software development requirements

*Mark only one oval.*

- Availability
- Reliability
- Usability
- All of the mentioned

55. 47. Which one of the following is not a step of requirement engineering

*Mark only one oval.*

- Requirement elicitation
- Requirement analysis
- Requirement design
- Requirement documentation

56. 48. The relationship of data elements in a module is called

*Mark only one oval.*

- Coupling
- Modularity
- Cohesion
- Granularity

57. 49. Which type of DFD shows how the data flow is actually implemented in the system and it is also more specific and closer to the implementation

*Mark only one oval.*

- Logical DFD
- Physical DFD
- Both a and b
- None of the mentioned

58. 50. Grouping of all functionally related elements is known as \_\_\_\_\_

*Mark only one oval.*

- Cohesion
- Coupling
- Both A & B
- None of the mentioned

59. 51. Every attribute is defined by its corresponding set of values is called \_\_\_\_\_

*Mark only one oval.*

- Entity
- Domain
- Relationship
- None of the mentioned

60. 52. Which tool is uses for structured designing

*Mark only one oval.*

- Program flowchart
- Structure chart
- Data-flow diagram
- Module

61. 53. The database design activity deals with the design of the

*Mark only one oval.*

- logical database
- physical database
- both a and b
- None of these

62. 54. The context diagram is also known as

*Mark only one oval.*

- Level-0 DFD
- Level-1 DFD
- Level-2 DFD
- None of the mentioned

63. 55. The software design paradigm is a part of software development and it includes \_\_\_\_\_

*Mark only one oval.*

- Design, Maintenance, Programming
- Coding, Testing, Integration
- Requirement gathering, Software design, Programming
- None of the mentioned

64. 56. Which depicts the flow of control in program modules

*Mark only one oval.*

- Flowchart
- DFD
- Both A & B
- None of the mentioned

65. 57. Cohesion is an extension of

*Mark only one oval.*

- Abstraction concept
- Refinement concept
- Information hiding concept
- Modularity

66. 58. Which DFD notation is represented by the Rectangle

*Mark only one oval.*

- Transform
- Data Store
- Function
- None of the mentioned

67. 59. Which of the following UML diagrams has a static view

*Mark only one oval.*

- Collaboration
- Use case
- State chart
- Activity

68. 60. Risk management is one of the most important jobs for

*Mark only one oval.*

- Client
- Investor
- Production team
- Project manager

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