

SE MCQ's

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22. Which is the Layered Technology in Bedrock that supports Software Engineering?

- ☒ a. Methods
- ☐ b. Tools
- ☐ c. Process
- ☐ d. Quality Focus

29. From the following give three major categories of risk,1) Schedule risk 2) Project risk 3) Technical risk 4) Business risk

- ☐ a. 1,2 and 3
- ☐ b. 2,3 and 4
- ☐ c. 1,2 and 4
- ☐ d. 1,3 and 4

19. In DFDs, user interactions with the system is denoted b

- ☐ a) Circle
- ☐ b) Arrow
- ☐ c) Rectangle
- ☐ d) Triangle

8. How is plan driven development different from agile development ?

- ☐ a) Outputs are decided through a process of negotiation during the software development process
- ☐ b) Specification, design, implementation and testing are interleaved
- ☐ c) Iteration occurs within activities
- ☐ d) All of the mentioned

15. Which of the following is not an approach to software cost estimation?

- ☐ a) Empirical
- ☐ b) Heuristic
- ☐ c) Analytical
- ☐ d) Critical

21. In software metrics which metrics evaluate the track budget, schedule and human resource?

- ☐ a. Requirement metrics

- ☐ b. Product metrics
- ☐ c. Process metrics
- ☐ d. None of the above

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Your answer

17. Function-oriented design techniques starts with functional requirements specified in

- ☐ a) SDD
- ☒ b) SRS
- ☐ c) All of the mentioned
- ☐ d) None of the mentioned

27. Project risk factor is considered in which model?

- ☒ a. Spiral model.
- ☐ b. Waterfall model.
- ☐ c. Prototyping model
- ☐ d. None of the above.

4. Which one of the following is not a step of requirement engineering?

- ☐ a) elicitation
- ☒ b) design
- ☐ c) analysis
- ☐ d) documentation

10. Which of the following is not an effective software project management focus?

- ☐ a) people
- ☐ b) product
- ☐ c) popularity
- ☐ d) process

24. Which of the following techniques is not a White box technique?

- ☐ a. Statement Testing and coverage
- ☐ b. Decision Testing and coverage
- ☐ c. Condition Coverage
- ☐ d. Boundary value analysis

3. Which of the following activities of a Generic Process framework provides a feedback report?

- ☐ a) Communication

- ☐ b) Planning
- ☐ c) Modeling & Construction
- ☐ d) Deployment

25. Coupling and cohesion can be represented using a _____ .

- ☐ a. cause-effect graph
- ☐ b. dependence matrix
- ☐ c. Structure chart
- ☐ d. SRS

14. Which of the following is a people-intensive activity?

- ☐ a) Problem solving
- ☐ b) Organization
- ☐ c) Motivation
- ☐ d) Project management

26. A generic process framework for software engineering encompasses five activities. What are those activities?

- ☐ a. Communication, risk management, measurement, production, deployment.
- ☐ b. Communication, Planning, Modeling, construction, deployment.
- ☐ c. Analysis, designing, programming, debugging, maintenance
- ☐ d. None of the above.

12. Who delivers the technical skills that are necessary to engineer a product or an application?

- ☐ a) Practitioners
- ☐ b) Project managers
- ☐ c) Senior managers
- ☐ d) None of the mentioned

7. Agile Software Development is based on

- ☐ a) Incremental Development
- ☐ b) Iterative Development
- ☐ c) Linear Development
- ☐ d) Both Incremental and Iterative Development

16. Which of the following is a complementary approach to function-oriented approach ?

- ☐ a) Object oriented analysis
- ☐ b) Object oriented design
- ☐ c) Structured approach
- ☐ d) Both Object oriented analysis and design

5. The user system requirements are the parts of which document ?

- ☐ a) SDD
- ☒ b) SRS
- ☐ c) DDD
- ☐ d) SRD

28. Boehm suggests an approach that addresses project objectives, milestones and schedules, responsibilities, management and technical approaches and required resources, This principle is called as _____.

- ☐ a. W3HH principle
- ☐ b. WHO principle
- ☐ c. W5HH principle
- ☐ d. None of the above.

30. Which model is also called as the classic life cycle or the Waterfall model?

- ☐ a. Iterative Development
- ☐ b. Linear Sequential Development
- ☐ c. RAD Model.
- ☐ d. Incremental Development

9. How many phases are there in Scrum ?

- ☒ a) Two
- ☐ b) Three
- ☐ c) Four
- ☐ d) Scrum is an agile method which means it does not have phases

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Your answer _____

18. Structured Analysis is based on the principles of

- ☐ a) Top-down decomposition approach
- ☐ b) Divide and conquer principle
- ☐ c) Graphical representation of results using DFDs
- ☐ d) All of the mentioned

Semester - Branch *

- ☐ Sem 6 B

6. Which model in system modelling depicts the dynamic behaviour of the system ?

- ☐ a) Context Model

- ☐ b) Behavioral Model
- ☐ c) Data Model
- ☐ d) Object Model

20. Which chart is a tool that depicts project as network diagram that is capable of graphically representing main events of project in both parallel and consecutive way?

- ☐ a) PERT chart
- ☐ b) Gantt chart
- ☐ c) Both A & B
- ☐ d) None of the above

1. Software is not considered to be collection of executable programming code, associated libraries and documentations.

- ☐ a) True
- ☐ b) False

11. PM-CMM stands for

- ☐ a) people management capability maturity model
- ☐ b) process management capability maturity model
- ☐ c) product management capability maturity model
- ☐ d) project management capability maturity model

13. Which of the following paradigm attempts to structure a team in a manner that achieves some of the controls associated with the closed paradigm but also much of the innovation that occurs when using the random paradigm?

- ☐ a) asynchronous paradigm
- ☐ b) open paradigm
- ☐ c) closed paradigm
- ☐ d) synchronous paradigm

23. Changes are made to the system to reduce the future system failure chances is called _____.

- ☐ a. Preventive Maintenance
- ☐ b. Adaptive Maintenance
- ☐ c. Corrective Maintenance
- ☐ d. Perfective Maintenance

2. Purpose of process is to deliver software

- ☐ a) in time
- ☐ b) with acceptable quality
- ☐ c) that is cost efficient
- ☐ d) both in time & with acceptable quality

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