

KAKP Commerce and Science College, Jalgaon

Internal Examination Semester - V Subject : Software Engineering 503

* Required

1. Name

2. PRN NO *

3. Mob No *

4. 1) What is the first step in the software development lifecycle? *

2 points

Mark only one oval.

- ☐ System Design
- ☐ Coding
- ☐ System Testing
- ☐ Preliminary Investigation and Analysis

5. 2) What does the study of an existing system refer to? *

2 points

Mark only one oval.

- ☐ Details of DFD
- ☐ Feasibility Study
- ☐ System Analysis
- ☐ System Planning

6. 3) Which of the following is involved in the system planning and designing phase of the Software Development Life Cycle (SDLC)? * 2 points

Mark only one oval.

- ☐ Sizing
- ☐ Parallel run
- ☐ Specification freeze
- ☐ All of the above

7. 4) What does RAD stand for? * 2 points

Mark only one oval.

- ☐ Rapid Application Document
- ☐ Rapid Application Development
- ☐ Relative Application Development
- ☐ None of the above

8. 5) Which of the following prototypes does not associated with Prototyping Model? * 2 points

Mark only one oval.

- ☐ Domain Prototype
- ☐ Vertical Prototype
- ☐ Horizontal Prototype
- ☐ Diagonal Prototype

9. 6) The major drawback of RAD model is _____. *

2 points

Mark only one oval.

- ☐ It requires highly skilled developers/designers.
- ☐ It necessitates customer feedbacks.
- ☐ It increases the component reusability.
- ☐ Both (a) & (c)

10. 7) Which of the following does not relate to Evolutionary Process Model? *

2 points

Mark only one oval.

- ☐ Incremental Model
- ☐ Concurrent Development Model
- ☐ WINWIN Spiral Model
- ☐ All of the above

11. 8) What is the major drawback of the Spiral Model? *

2 points

Mark only one oval.

- ☐ Higher amount of risk analysis
- ☐ Doesn't work well for smaller projects
- ☐ Additional functionalities are added later on
- ☐ Strong approval and documentation control

12. 9) Model selection is based on _____. *

2 points

Mark only one oval.

- ☐ Requirements
- ☐ Development team & users
- ☐ Project type & associated risk
- ☐ All of the above

13. 10) Which of the following option is correct? *

2 points

Mark only one oval.

- ☐ The prototyping model facilitates the reusability of components.
- ☐ RAD Model facilitates reusability of components
- ☐ Both RAD & Prototyping Model facilitates reusability of components
- ☐ None

14. 11) _____ is identified as fourth generation language. *

2 points

Mark only one oval.

- ☐ Unix shell
- ☐ C++
- ☐ COBOL
- ☐ FORTRAN

15. 12) The productivity of a software engineer can be reduced by using a 4GT. *

2 points

Mark only one oval.

- ☐ True
- ☐ False

16. 13) Which of the following model has a major downfall to a software development life cycle in terms of the coding phase? *

2 points

Mark only one oval.

- ☐ 4GT Model
- ☐ Waterfall Model
- ☐ RAD Model
- ☐ Spiral Model

17. 14) Which of the following falls under the category of software products? 2 points

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Mark only one oval.

- ☐ Firmware, CAD
- ☐ Embedded, CAM
- ☐ Customized, Generic
- ☐ CAD, Embedded

18. 15) Software maintenance costs are expensive in contrast to software development. 2 points

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Mark only one oval.

- ☐ True
- ☐ False

19. 16) Which of the following activities of the generic process framework delivers a feedback report? 2 points

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Mark only one oval.

- ☐ Deployment
- ☐ Planning
- ☐ Modeling
- ☐ Construction

20. 17) Which one of the following activities is not recommended for software processes in software engineering? *

2 points

Mark only one oval.

- ☐ Software Evolution
- ☐ Software Verification
- ☐ Software Testing & Validation
- ☐ Software designing

21. 18) Software is defined as _____ *

2 points

Mark only one oval.

- ☐ a) set of programs, documentation & configuration of data
- ☐ b) set of programs
- ☐ c) documentation and configuration of data
- ☐ d) None of the mentioned

22. 19) What is Software Engineering? *

2 points

Mark only one oval.

- ☐ a) Designing a software
- ☐ b) Testing a software
- ☐ c) Application of engineering principles to the design a software
- ☐ d) None of the above

23. 20) Who is the father of Software Engineering? *

2 points

Mark only one oval.

- ☐ a) Margaret Hamilton
- ☐ b) Watts S. Humphrey
- ☐ c) Alan Turing
- ☐ d) Boris Beizer

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