Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020

Course Name - Software Engineering
Course Code - MCA403_BL_2017

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Answer all the questions. Each question carry one mark.

9.   1. CASE Tool stands for.

Mark only one oval.

⬭ Computer Aided Software Engineering

⬭ Component Aided Software Engineering

⬭ Constructive Aided Software Engineering

⬭ Computer Analysis Software Engineering

10.   2. How many levels are present in CMM

Mark only one oval.

○ 3

○ 4

○ 5

○ 6

11.   3. What is MTTF?

Mark only one oval.

○ Maximum time to failure

○ Mean time to failure

○ Minimum time to failure

○ None of the mentioned

12.   4. Which one of the following is not a software quality model?

Mark only one oval.

○ ISO 9000

○ McCall model

○ Boehm model

○ ISO 9126

13. 5.Which of the following is not an appraisal cost in SQA?

Mark only one oval.

○ inter-process inspection

○ maintenance

○ quality planning

○ testing

14. 6. Which of the following is not a maturity level in CMM?

Mark only one oval.

○ Design

○ Repeatable

○ Managed

○ Optimizing

15. 7. First level of prototype is evaluated by _____

Mark only one oval.

○ Developer

○ Tester

○ User

○ System Analyst

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

Mark only one oval.

◯ Iterative Development

◯ Linear Sequential Development

◯ RAD Model

◯ Incremental Development

17. 9. Which model is also known as Verification and validation model?

Mark only one oval.

◯ Waterfall model

◯ Big Bang model

◯ V-model

◯ Spiral model

18. 10. Who writes the Software Requirement Specifications (SRS) document?

Mark only one oval.

◯ System Developer

◯ System Tester

◯ System Analyst

◯ None of these

19.   11. 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

20.   12. Requirement engineering process includes which of these steps?

Mark only one oval.

( ) Feasibility study

( ) Requirement Gathering

( ) Software Requirement specification & Validation

( ) All of these

21.   13. In which elicitation process the developers discuss with the client and end users
       and know their expectations from the software?

Mark only one oval.

( ) Requirement gathering

( ) Organizing requirements

( ) Negotiation & discussion

( ) Documentation

22. 14. Which is not a step of Requirement Engineering?

Mark only one oval.

◯ Requirements elicitation

◯ Requirements analysis

◯ Requirements design

◯ Requirements documentation

23. 15. Which is focused towards the goal of the organization?

Mark only one oval.

◯ Feasibility study

◯ Requirement gathering

◯ Software requirement specification

◯ Software requirement validation

24. 16. 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?

Mark only one oval.

◯ PERT chart

◯ Gantt chart

◯ PERT chart & Gantt chart

◯ None of these

25. 17. COCOMO stands for _____ .

Mark only one oval.

◯ COnsumedCOstMOdel

◯ COnstructiveCOst Estimation MOdel

◯ COmmonCOntrolMOdel

◯ COmpositionCOstMOdel

26. 18. Which software project sizing approach develop estimates of the information domain characteristics?

Mark only one oval.

◯ Function point sizing

◯ Change sizing

◯ Standard component sizing

◯ Fuzzy logic sizing

27. 19. According to ISO 9001, the causes of nonconforming product should be

Mark only one oval.

◯ Deleted

◯ eliminated

◯ identified

◯ eliminated and identified

28.   20. Which of the following is/are Project Estimation Technique?

Mark only one oval.

( ) Empirical Estimation Technique

( ) Heuristic Estimation Technique

( ) Analytical Estimation Technique

( ) All of these

29.   21. Who identifies, documents, and verifies that corrections have been made to the software?

Mark only one oval.

( ) Project manager

( ) Project team

( ) SQA group

( ) All of the mentioned

30.   22. Which of the following is an important factor that can affect the accuracy and efficacy of estimates?

Mark only one oval.

( ) Project size

( ) Planning process

( ) Project complexity

( ) Degree of structural uncertainty

31. 23. Which of the following states that work expands to fill the time available

Mark only one oval.

- ⬭ CASE tools
- ⬭ Pricing to win
- ⬭ Parkinson's Law
- ⬭ Expert judgement

32. 24. Which of the following is not a SQA plan for a project?

Mark only one oval.

- ⬭ evaluations to be performed
- ⬭ amount of technical work
- ⬭ audits and reviews to be performed
- ⬭ documents to be produced by the SQA group

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

Mark only one oval.

- ⬭ Configuration item identification
- ⬭ Risk management
- ⬭ Release management
- ⬭ Branch management

34. 26. What are the types of requirements?

Mark only one oval.

◯ Availability

◯ Reliability

◯ Usability

◯ All of these

35. 27. The importance of software design can be summarized in a single word which is:

Mark only one oval.

◯ Efficiency

◯ Accuracy

◯ Quality

◯ Complexity

36. 28. What type of software testing is generally used in Software Maintenance

Mark only one oval.

◯ Regression Testing

◯ System Testing

◯ Integration Testing

◯ Unit Testing

37. 29. Which defect amplification model is used to illustrate the generation and detection of errors during the preliminary steps of a software engineering process?

Mark only one oval.

◯ Design

◯ Detailed design

◯ Coding

◯ All of these

38. 30. Which of the following is not included in failure costs?

Mark only one oval.

◯ Rework

◯ repair

◯ failure mode analysis

◯ none of the mentioned

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