**Software Engineering:** **MCQs**

1) Output produced after a phase is called \_\_\_\_\_.

A) Proper B) Correct C) Workproduct D) None

**Answer: C**

2) S/w built for hobby purpose is called as \_\_\_\_\_\_\_\_

A) Industrial strength s/w B) Good s/w C) Student s/w D) Hobby s/w

**Answer: C**

3) \_\_\_\_\_ means a project whose budget and schedule is out of control.

A) Runaway B) Good project C) Successful project D) None

**Answer: A**

4) Changes done in software during development phase is called as \_\_\_\_\_

A) Maintenance B) Rework C) Regression Testing D) None

**Answer: B**

5) Productivity is measured in terms of \_\_\_\_\_.

A) LOC B) Software size C) Memory required D) All

**Answer: A**

6) \_\_\_\_\_ means the capability to modify the software so as to do corrections, improvement.

A) Portability B) Efficiency C) Reliability D) Maintainability

**Answer: D**

7) Executing old test case to see that no new errors have been introduced is called as \_\_\_\_\_\_\_\_\_.

A) Maintenance B) Cost C) Regression Testing D) Scaling

**Answer: C**

8) Project developed with less cost and time and with high quality is called as \_\_\_\_\_\_\_\_.

A) Unsuccessful Project B) Successful Project C) Both A&B D) None

**Answer: B**

9) \_\_\_\_\_\_ means problem in a software that causes the software to crash or will give wrong output.

A) Bug B) Error C) Defect D) All

**Answer: C**

10) SEPG stands for \_\_\_\_\_\_\_.

A) S/w Engg. Project Group B) S/w Engg. Process Group

C) S/w Engg. Part Group D) None

**Answer: B**

11) \_\_\_\_\_\_\_ is basic unit of \_\_\_\_\_\_ model.

A) Iteration, Iterative B) Stage, Spiral C) Timebox, Timeboxing

D) Prototype, Prototyping

**Answer: C**

12) Quality of a software contains which among the following

A) Functionality B) Usability C) Portability D) All

**Answer: D**

13) Which among the following phase is present in Project Management Process

A) Planning B) Monitoring & Control C) Termination Analysis D) All

**Answer: D**

14) Which among the following document is produced in Waterfall model

A) Requirements B) Software manuals C) Design D) All

**Answer: D**

15) Big bang approach is a disadvantage of which software development process

Model

A) Waterfall Model B) Prototyping Model C) Timebox Model

D) Iterative Development Model

**Answer: A**

16) In IEEE second E stands for \_\_\_\_\_\_\_\_.

A) Electrical B) Electronics C) Engineers D) Easy

**Answer: B**

17) If a time duration of Timebox is 9 week. Suppose there are 3TB each having 3

stages then time taken TB2 is \_\_\_\_\_\_ week.

A) 9 B) 12 C) 18 D) 20

**Answer: B**

18) \_\_\_\_\_\_ is an Engineer who gathers and analyze customer requirement.

A) Analyst B) Client C) Developer D) All

**Answer: A**

19) \_\_\_\_\_ is a activity to talk with client and study existing document if present and

collect all the possible information regarding the system.

A) Requirement gathering B) Requirement analyzing

C) Requirement specification D) None

**Answer: A**

20) Who among the following use SRS document to ensure the total cost required to

develop a software and also to do the planning.

A) Maintenance Engineer b) Project Manager C) Test Engineer

D) Software Developer

**Answer: B**

21) Software process is an \_\_\_\_ entity.

A) Dynamic B) Static C) Good D) None

**Answer: A**

22) SRS document contains \_\_\_\_\_.

A) Functional Requirements B) Anomalies C) Incompleteness D) All

**Answer: A**

23) Which among the following users use SRS document

A) Users B) Software developer C) User documentation D) All

**Answer: D**

24) Problem with software requirement is \_\_\_\_\_.

A) Anomalies B) Inconsistency C) Incompleteness D) All

**Answer: D**

25) SRS stands for \_\_\_\_\_\_\_\_\_\_\_.

A) Software Ready Specification B) Software Requirement Software

C) Software Resource Specification D) None

**Answer: D**

26) Which among the following is an error in SRS

A) Omission B) Inconsistency C) Ambiguity D) All of the above

**Answer: D**

27) Which among the following is a technique used to represent complex logic in software engineering.

A) Decision Tree B) Decision Table C) Both A&B D) None

**Answer: C**

28) Which among the following is a characteristic of good SRS document

A) It should be concise B) It should be traceable

C) It should be structured D) All of the above

**Answer: D**

29) Which among the following is a characteristic of bad SRS document

A) It should be concise B) It should be traceable C) Ambiguity

D) All of the above

**Answer: C**

30) Which among the following comes under non-functional requirement

A) Maintainability B) Portability C) Usability D) All of the above

**Answer: D**

31) Which among the following is common method used for validation of requirement.

A) Inspection of requirement B) Review of requirement C) Both A&B

D) None

**Answer: C**

32) The objective of \_\_\_\_\_\_\_ activity is to ensure that the SRS reflects actual requirements accurately and correctly.

A) Requirement gathering B) Requirement Analyzing C) Validation

D) None of the above

**Answer: C**

33) In PERT T stands for\_\_\_\_\_

A) Team B) Term C) Testing D) Technique

**Answer: D**

34) In the Gantt chart white part shows \_\_\_\_\_\_ time.

A) Minimum B) Earliest start C) Slack D) Finish

**Answer: C**

35) \_\_\_\_\_ takes the responsibility of choosing their team

A) Management B) Software Project Manager C) Company D) All

**Answer: B**

36) \_\_\_\_\_\_should be done before development of project and to do this customer requirements must be clearly understood.

A) Planning B) Requirement collection C) Testing D) Verification

**Answer: A**

37) Which among the following chart is used to allocate resources

A) PERT B) Gantt C) WBS D) All

**Answer: B**

38) In Software Engineering CMM stands for \_\_\_\_\_\_.

A) Capability Maturity Machine B) Capability Machine Model

B) Code Maturity Machine D) Capability Maturity Model

**Answer: D**

39) Which among the following is the responsibility of Project Manager

A) Assigning task to team members B) Resolving issues

B) Responsible for planning and scheduling D) All of the above

**Answer: D**

40) Which among the following is the principle of effective project planning

A) Risk Analysis B) Meeting quality standards

C) Flexibility D) All of the above

**Answer: D**

41) In WBS the task that takes 2weeks or less than 2 week to execute is called as \_\_\_\_\_.

A) Parent node B) Root node C) Leaf node D) None of the above

**Answer: C**

42) A task with \_\_\_\_\_ slack is considered as critical task.

A) 0 B)1 C) 2 D) 3

**Answer: A**

43) Which of the following term describes testing? A) Finding broken code B) Evaluating deliverable to find errors C) A stage of all projects D) None of the mentioned **Answer: B**

44) White Box techniques are also classified as A) Design based testing B) Structural testing C) Error guessing technique D) None of the mentioned **Answer: B**

45) What are the various Testing Levels? A) Unit Testing B) System Testing C) Integration Testing D) All of the mentioned **Answer: D**

46) How is reliability and failure intensity related to each other? A) direct relation B) inverse relation C) no relation D) none of the mentioned **Answer: B**

47) How many product quality factors are proposed in McCall quality model? A) 2 B) 3 C) 11 D) 8 **Answer: B**

48) Which one of the following is not a software quality model? A) ISO 9000 B) McCall model C) Boehm model D) ISO 9126

**Answer: A**

49) What is MTTF? A) Maximum time to failure B) Mean time to failure C) Minimum time to failure D) None of the mentioned **Answer: B**

50) How is software reliability defined? A) time B) efficiency C) quality D) speed **Answer: A**

51) The CMM model is a technique to\_\_\_\_\_\_\_\_\_\_ A) automatically maintain the software reliability B) improve the software process C) test the software D) all of the mentioned **Answer: B**