**Course: Introduction to Software Testing & Test Requirements**

1.Software quality assurance should be built on a foundation that incorporates:

1. total quality management
2. solid software engineering practices measurement
3. all of the above

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

2.The primary pay off for SQA occurs because:

1. management gains better control over projects
2. errors are found when they are less expensive to correct
3. an SQA plan has been developed
4. statistical methods provide better insight

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

3.The quality team includes the following constituencies:

1. software engineers
2. manager & SQA specialists
3. customer and user
4. all of the above

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

4.The primary goal of SQA is to:

1. improve software quality
2. ensure compliance with standards
3. force the development of better documentation
4. none of the above

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

5. SQA can help ensure that:

1. errors will be totally eliminated in the design
2. the project will remain on schedule
3. management will be appraised of progress
4. exit conditions will exist for each software engineering task

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

6.The existence of an SQA function guarantees that:

1. quality will exist in the end product
2. statistical quality assurance techniques will be applied
3. management will take quality issues seriously
4. none of the above

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

7.The cost of low quality is determined by:

1. interviewing customers
2. examining the project budget collecting software metrics
3. collecting software metrics
4. determining the cost of tools

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

8.\_\_\_\_\_ is the establishment of a frame work of organisational procedure and standards which lead to high - quality software.

1. Quality planning
2. Quality control
3. Quality assurance
4. All of the above

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

9.The quality attributes are

1. Correctnes, size
2. Robustness, Managibility
3. Reliability, Efficiency
4. clarity robustness

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

10. Which among the following is not a level of testing ?

1. Unit testing
2. System testing
3. Integration testing
4. grey box testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

11. What is the other name for Black box testing?

1. Grey Box Testing
2. White Box Testing
3. Functionality Testing
4. Structural Testing

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

12.What is Load Testing a subset of?

1. Regression
2. System testing
3. Acceptance Testing
4. Stress Testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

13.What testing is done by end users?

1. Beta Testing
2. Alpha Testing
3. Regression Testing
4. System Testing

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

14.What is the other name for Structural Testing?

1. Performance Testing
2. Integration Testing
3. White box Testing
4. Black box testing

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

15.Testing the software for the required specifications on the intended hardware

1. Beta Testing
2. Alpha Testing
3. Regression Testing
4. System Testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

16.Testing to evaluate the time taken or response time of the system is

1. Performance Testing
2. Integration Testing
3. White box Testing
4. Black box testing

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

17. Two primary methods by which test design can be prepared is

1. Black box & White box
2. Functional & Structural
3. Unit & Integration
4. Regression & System

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

18. Testing which takes place when sub elements are combined is

1. Unit testing
2. System testing
3. Integration testing
4. grey box testing

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

19.Which of the following is not a black box testing method

1. Graph-based Testing method
2. Beizer method
3. Boundary Value Analysis
4. Comparison Testing

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

20. Black-box testing for safety critical systems in which independently developed implementations of redundant systems are tested for conformance to specifications

1. Unit testing
2. System testing
3. Integration testing
4. Comparison Testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

21.What is a bug?

1. a modification of the existing application.
2. new functionality or item added to the application.
3. the application works incorrectly or provides incorrect information.
4. All of the above

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

22 The later in the development life cycle a fault is discovered, the more expensive it is to fix. why?

1. the documentation is poor, so it takes longer to find out what the software is doing.
2. wages are rising
3. the fault has been built into more documentation,code,tests, etc
4. none of the above

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

23.Which of the following requirements is testable?

1. The system shall be user friendly.
2. The safety-critical parts of the system shall contain 0 faults.
3. The response time shall be less than one second for the specified design load.
4. The system shall be built to be portable.
5. None of the above

Correct Answer(s): **E**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

24. Testing to identify the ways in which the installation procedures lead to incorrect results.

1. Installation Testing
2. Configuration Testing
3. Integration testing
4. Build Testing

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

25. Which of the following is NOT true of test coverage criteria?

1. Test coverage criteria can be measured in terms of items exercised by a test case.
2. A measure of test coverage criteria is the percentage of user requirements covered.
3. A measure of test coverage criteria is the percentage of faults found.
4. Test coverage criteria are often used when specifying test completion criteria

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

26. When reporting faults found to developers, testers should be:

1. as polite, constructive and helpful as possible
2. firm about insisting that a bug is not a “feature” if it should be fixed
3. diplomatic, sensitive to the way they may react to criticism
4. All of the above

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

27. which of the following statements are true?

1. Faults in program specifications are the most expensive to fix.
2. Faults in code are the most expensive to fix.
3. Faults in requirements are the most expensive to fix
4. Faults in designs are the most expensive to fix.

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

28. Test are prioritized so that:

1. You shorten the time required for testing
2. You do the best testing in the time available
3. You do more effective testing
4. You find more faults

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

29. Out of scope of Requirement Analysis includes (Choose the correct)

1. Usability Testing
2. Multilingual Testing
3. Browser Compatibility Testing
4. Performance Testing
5. None of the Above

Correct Answer(s): **E**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

30. Tools used in RA Phase

1. DOORS & Requisite Pro
2. Vss & CVS
3. Quality center
4. a & c

Correct Answer(s): **A,C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**