**Course: Requirement, Test Planning, Test case Design, Test execution, Defect Reporting.**

1. What are the types of requirements ?

1. Availability
2. Reliability
3. Usability
4. All of the mentioned

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: All the mentioned traits are beneficial for an effective product to be developed.

2. Select the developer-specific requirement ?

1. Portability
2. Maintainability
3. Availability
4. Both Portability and Maintainability

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Availability is user specific requirement.

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

1. elicitation
2. design
3. analysis
4. documentation

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Requirement Elicitation, Requirement Analysis, Requirement Documentation and Requirement Review are the four crucial process steps of requirement engineering.Design is in itself a different phase of Software Engineering.

4. FAST stands for

1. Functional Application Specification Technique
2. Fast Application Specification Technique
3. Facilitated Application Specification Technique
4. None of the mentioned

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: None.

5. QFD stands for

1. quality function design
2. quality function development
3. quality function deployment
4. none of the mentioned

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: None.

6. A Use-case actor is always a person having a role that different people may play.

1. True
2. False

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Use-case Actor is anything that needs to interact with the system, be it a person or another (external) system.

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

a) SDD

b) SRS

c) DDD

d) SRD

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Software requirements specification (SRS), is a complete description of the behaviour of a system to be developed and may include a set of use cases that describe interactions the users will have with the software.

8. A stakeholder is anyone who will purchase the completed software system under development.

a) True

b) False

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Stakeholders are anyone who has an interest in the project. Project stakeholders are individuals and organizations that are actively involved in the project, or whose interests may be affected as a result of project execution or project completion.

9. Conflicting requirements are common in Requirement Engineering, with each client proposing his or her version is the right one.

a) True

b) False

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: This situation is seen in every field of work as each professional has his/her way of looking onto things & would argue to get his/her point approved.

10. Which is one of the most important stakeholder from the following ?

a) Entry level personnel

b) Middle level stakeholder

c) Managers

d) Users of the software

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Explanation: Users are always the most important stakeholders.After all, without users or customers, what’s the point of being in business?.

11. Alpha testing is differentiated from beta testing by

1. the location where the tests are conducted
2. the types of tests conducted
3. the people doing the testing
4. the degree to which white-box techniques are used

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

12. The testing that ensures that no unwanted changes were introduced is

1. Unit Testing
2. System Testing
3. Acceptance Testing
4. Regression Testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

13.Which sort of error cannot be detected by unit testing

1. Error in Data Structures
2. report whether loops reach their termination condition
3. Tool Tips Validation
4. Field Dependencies

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

14.Which of the following is a kind of Integration Testing

1. Commercial Component
2. Software
3. System
4. All of the above

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

15. Unit testing is predominantly

1. white-box oriented
2. black-box oriented
3. both black-and-white-box oriented
4. none of the above

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

16. In general, unit testing is performed by:

1. an independent test group
2. the software engineer
3. SQA
4. The customer

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

17.Identify the General Testing Strategies

1. Test organization
2. Test planning
3. Test specifications
4. none of the above

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

18.Which of the following is Key element of Test Management

1. Test organization
2. Test planning
3. Test specifications
4. All of the above

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

19.Which of the following is not a Testing Strategy

1. Top-down
2. Thread testing
3. Stress testing
4. Unit Testing

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

20. To ensure the Security features Which type of testing to conduct

1. Security Testing
2. Functional Testing
3. Configuration Testing
4. Special Testing

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

21.Software exhibits quality if (pick the best answer):

1. it works
2. good documentation exists
3. it does what the customer wants it to do
4. there are few errors found during formal technical reviews

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

22.A project that is in the implementation phase is six weeks behind schedule. The delivery date for the product is four months away. The project is not allowed to slip the delivery date or compromise on the quality standards established for his product. Which of the following actions would bring this project back on schedule?

A. Eliminate some of the requirements that have not yet been implemented.

B. Add more engineers to the project to make up for lost work.

C. Ask the current developers to work overtime until the lost work is recovered.

D. Hire more software quality assurance personnel

Correct Answer(s): **A**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

23.What type of testing is included in scope of test strategy?

a) Manual

b) automation

c) performance

d) integration

All the above

A & b

B & c

A&b&c

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

24. Testing related roles?

A.Test analyst

B.system suport engg

C.database admin

D.manager

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

25. Which of the following would NOT normally form part of a test plan?

A. Features to be tested

B. Incident reports

C. Risks

D. Schedule

Correct Answer(s): **B**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

26. select the odd one

A. Nature of the application

B. External interface of the application

C. Application/system needs to be understand

D.assumptions and dependencies

Correct Answer(s): **D**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

27.HR policy is planned to revised new type of leave that is personal leave. This kind of req is comes under ??

A.functional requirement

B. system requirement

C.future requirement

D. Non functional requirement

Correct Answer(s): **C**

Difficulty: **Easy**

Bloom’s level: **Knowledge**

26. Components of test planning?

A.testing schedule

B.test deliverables

C.run plan creation

D.roles & responsibility

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

27. Roles and responsibility of Developement lead?

A.clarification of desidn

B.test analyst

C.root cause analysis

D.participation in defect triage

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

Difficulty: **Easy**

Bloom’s level: **Knowledge**

28..strategy and Planning can be \_\_\_\_\_\_\_\_ by tester

1. Prepared
2. Viewed
3. Edited
4. None of the above

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

29. Is business user are creating UAT test case and carried out UAT?

1. True
2. False

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

30.RACI means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A) responsible, activities, consulted, information chart

B) report, accountable, count, interface chart

C) responsible, accountable, consulted, informed chart

D) none

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

31. As part of which test process do you determine the exit criteria?

A. Test planning.

B. Evaluating exit criteria and reporting.

C. Test closure.

D. Test control

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

32.What are the inputs for Test Planning

1. Req. Documents
2. Test Strategy
3. Both (a) and (b)
4. None of the Above

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

33. True or False Small projects or regular release based project, both strategy and plan are not documented together

1. True
2. False

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

34.Performance testing will be carried out only after ?

1. Stress testing
2. Integration testing
3. System testing
4. Component testing

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

35. The test cases are signed off by whom?

1. Team lead
2. Developer
3. Business Analyst
4. Project manager

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

36. Is resource plaaning includes connectivity requirement, Os, testing tools?

1. True
2. False

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

37.A plan to overcome the risk called as

A) migration plan

B) master plan

C) maintenance plan

D) mitigation plan

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

38. Which of the following combinations correctly describes a valid approach to component testing: i) Functional testing of the component in isolation. ii) Structure-based testing of the code without recording incidents. iii) Automated tests that are run until the component passes. iv) Functional testing of the interfaces between modules.

A. i and ii.

B. I, ii and iii

C. iii.

D. ii and iv

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

39. who are development organization stakeholder?

A.developer

B.business user

C.development manager

D.customer SME's

Correct Answer(s):A,C

Difficulty: **Medium**

Bloom’s level: **Knowledge**

40.What are the key factors to be understood before Test strategy

1. Development methodology
2. Implementation methodology
3. Infrastructural availability
4. All the above

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

41. What is the purpose of exit criteria?

A. To define when a test level is complete.

B. To determine when a test has completed.

C. To identify when a software system should be retired.

D. To determine whether a test has passed.

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

42. True or False For larger project test strategy and test plan could be documented separately

1. True
2. False

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

43. test automation is identified to ensure that,

A.easy

B.error free

C.faster

D.Schedule high

Correct Answer(s): B,C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

44. Which activities form part of test planning? i) Developing test cases. ii) Defining the overall approach to testing. iii) Assigning resources. iv) Building the test environment v) Writing test conditions.

A. i, ii & iv are true, iii & v are false.

B. ii & iii are true, i, iv & v are false.

C. iv & v are true, i, ii & iii are false.

D. i, ii & iii are true iv & v are false

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**

45. Out of Scope include

A.not be tested by the testing team

B.due to other stakeholders taking responsibility

C.due to request from customer during estimation

D.None of the above

Only (I)

Both (I) and (III)

Both (II) and (III)

All (I),(II) and (III)

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

46. Is testing goverence includes, hardware, software?

1. True
2. False

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

47. Based on \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_ schedule is planned.

A) resource planning and activities

B) effort estimation and resource planning

C) environment set and database

D)activities and testcase

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

48. Defect management methodology contains\_\_\_\_\_\_\_\_\_\_\_ a) definition of a defect b) definition of severity and priority of a defect c) defect life cycle

Ia&b

A&c

B&c

All the above

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

49. During the test planning, review of test strategy is done before test planning. [t or f]

1. True
2. False

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

50. During which phase discrepancies are reported as defects?

a) Evaluating exit criteria and reporting

b) Test closure activity

c) Test implementation and execution

d) Test analysis and design

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Comment: During Test implementation and execution phase discrepancies are reported as defects and given back to developer for fixation purpose

51. Defect reports are useful as they contain

a) defect description

b) Priority

c) Summary

d) Name of tester

e) All of the above

Correct Answer(s): E

Difficulty: **Easy**

Bloom’s level: **Knowledge**

52. Which metrics is used to compares field defects with test defects?

a) Defect deduction percentage

b) Defect division percentage

c) Defect detection percentage

d) All of the above

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Comment: Defect detection percentage is used to compares field defects with test defects.

53. Defect report is also useful for process improvement. True or false.

a) True

b) False

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Comment: Defect report when analyzed over a project and even across projects, give information that can lead to development and test process improvement.

54. What is not true about priority?

a) Priority is impact of defect on business

b) Priority can be urgent,high,medium,low

c) Priority once assigned can not be changed.

d) All of the above

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Comment: Priority can be changed based on customer requirements & time allocated to finish the project.

55. Who determines the severity of bug?

a) Developer

b) Customer

c) Tester

d) All stakeholders

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

Comment: Severity is impact of defect on application. Tester will determine severity after defect is detected.

56. Severity can be changed at any point of time .True or false.

a) True

b) False

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

ANSWER: b) False

Comment: Severity is impact of defect on application. Once assigned severity can not be changed

57. Which of the following stage is performed by by developer?

1. New

2. Open

3. Assigned

4. Fixed

5. Verify

6. Closed

7. Deferred

8. Rejected

a) 1,2,3,4,5,6

b) 2,3,4,5,6,7,8

c) 2,3,4,7,8

d) 2,3,4,5,6

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

58. A document that contains description of any event that has happened which requires further investigation is called as a

a) Test summary report

b) Defect report

c) Bug report

d) Incident report

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

59. A deviation from the specified or expected behavior that is visible to end-users is called:

a) an error

b) a fault

c) a failure

d) a defect

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

60. A configuration management system would NOT normally provide:

a) Linkage of customer requirements to version numbers.

b) The precise differences in versions of software component source code.

c) Facilities to compare test results with expected results.

d) Restricted access to the source code librar

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

61. Test cases are designed during:

a) Test recording.

b) Test configuration.

c) Test planning.

d) Test specification

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

62. Which of the following statements about reviews is true?

a) Reviews should be performed on specifications, code, and test plans

b) Reviews are the least effective way of testing code.

c) Reviews are unlikely to find faults in test plans.

d) Reviews cannot be performed on user requirements specifications.

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Correct Answer(s): A

Difficulty: **Hard**

Bloom’s level: **Experience**

Ans: A

63. In case of Large Systems

a) Only few tests should be run

b) Test Cases written by good test engineers should be executed

c) Only Good Test Cases should be executed

d) Testing should be on the basis of Risk

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

64. Which of the following will be the best definition for Testing :

a) Testing is executing Software for the purpose of finding defects

b) The purpose of testing is to demonstrate that the program is defect free

c) The purpose of testing is to demonstrate that the program does what it is supposed to do

d) The goal / purpose of testing is to demonstrate that the program works.

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

65.Which of the following is not a type of incremental testing approach?

a) Big-bang

b) Top down

c) Bottom up

d) Functional incrimination

Correct Answer(s): A

Difficulty: **Easy**

Bloom’s level: **Knowledge**

66. Test Conditions are derived from

a) Test Design

b) Test Cases

c) Test Data

d) Specifications

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

67. Pick the best definition of quality

a) Quality is job one

b) Zero defects

c) Work as designed

d) Conformance to requirements

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

68. Fault Masking is

a) Creating a test case which does not reveal a fault

b) Error condition hiding another error condition

c) Masking a fault by developer

d) Masking a fault by a tester

Correct Answer(s): B

Difficulty: **Easy**

Bloom’s level: **Knowledge**

69.Boundary value testing

a) Is the same as equivalence partitioning tests

b) Tests combinations of input circumstances

c) Test boundary conditions on, below and above the edges of input and output equivalence classes

d) Is used in white box testing strategy

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

70. One Key reason why developers have difficulty testing their own work is:

a) Lack of technical documentation

b) Lack of test tools on the market for developer’s

c) Lack of Objectivity

d) Lack of training

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

71. In a review meeting a moderator is a person who:

a) Takes minutes of the meeting

b) Takes telephone calls

c) Mediates between people

d) writes the documents to be reviewed

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

71. Acceptance test cases are based on what?

a) Decision table

b) Design

c) Code

d) Requirements

Correct Answer(s): D

Difficulty: **Easy**

Bloom’s level: **Knowledge**

72. How much testing is enough?

a) This question is easy to answer

b) This question is impossible to answer

c) The answer depends on the risk for your industry, contract and special requirements

d) This answer depends on the maturity of your developers

Correct Answer(s): C

Difficulty: **Easy**

Bloom’s level: **Knowledge**

73. which of the following is the component test standard?

a) IEEE 610

b) IEEE 829

c) BS7925-1

d) BS7925-2

Correct Answer(s): D

Difficulty: **Medium**

Bloom’s level: **Knowledge**

74. Which of the following is NOT a standard related to testing?

a) IEEE610

b) IEEE829

c) BS7925-1

d) BS7925-2

Correct Answer(s): A

Difficulty: **Medium**

Bloom’s level: **Knowledge**

75. The standard that gives definitions of testing terms is:

a) ISO/IEC 12207

b) BS 7925-1

c) ANSI/IEEE 729

d) ANSI/IEEE 829

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**

76. Which of the following is NOT true of incidents?

a) Incidents are raised when expected and actual results differ.

b) Incidents may be raised against user requirements.

c) Incidents require investigation and/or correction.

d) Incident resolution is the responsibility of the author of the software under test.

Correct Answer(s): D

Difficulty: **Medium**

Bloom’s level: **Knowledge**

77. Which of the following is false?

a) In a system two different failures may have different severities.

b) A fault need not affect the reliability of a system.

c) A system is necessarily more reliable after debugging for the removal of a fault.

d) Undetected errors may lead to faults and eventually to incorrect behavior.

Correct Answer(s): C

Difficulty: **Medium**

Bloom’s level: **Knowledge**

78. Which of the following is the odd one out?

a) White box

b) Functional

c) Structural

d) Glass box

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**

79. Which of the following is a static test?

a) Coverage analysis

b) Code inspection

c) Usability assessment

d) Installation test

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**

80. Which of the following is a black box design technique?

a) statement testing

b) error- guessing

c) equivalence partitioning

d) usability testing

Correct Answer(s): C

Difficulty: **Medium**

Bloom’s level: **Knowledge**

81. Which of the following is not the integration strategy?

a) Design based

b) Bottom-up

c) Big-bang

d) Top-down

Correct Answer(s): A

Difficulty: **Medium**

Bloom’s level: **Knowledge**

82.Which of the following is NOT a reasonable test objective:

a) To find faults in the software

b) To give confidence in the software

c) To prove that the software has no faults

d) To find performance problems

Correct Answer(s): C

Difficulty: **Medium**

Bloom’s level: **Knowledge**

83. Which of the following uses Impact Analysis most?

a) Non-functional system testing

b) Component testing

c) User acceptance testing

d) Maintenance testing

Correct Answer(s): D

Difficulty: **Medium**

Bloom’s level: **Knowledge**

84. Expected results are:

a) Only important in system testing

b) Most useful when specified in advance

c) Only used in component testing

d) Derived from the code

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**

85. What type of review requires formal entry and exit criteria, including metrics?

a) Management review

b) Inspection

c) Walkthrough

d) Post project review

Correct Answer(s): B

Difficulty: **Medium**

Bloom’s level: **Knowledge**