1. Which of the following statements describe a valid test objective?

a) To prove that there are no unfixed defects in the system under test

b) To prove that there will be no failures after the implementation of the system into production

**c) To reduce the risk level of the test object and to build confidence in the quality level**

d) To verify that there are no untested combinations of inputs

1. Which of the following options shows an example of test activities that contribute to success?

**a) Having testers involved during various software development lifecycle (SDLC) activities will help to detect defects in work products**

b) Testers try not to disturb the developers while coding, so that the developers write better code

c) Testers collaborating with end users help to improve the quality of defect reports during component integration and system testing

d) Certified testers will design much better test cases than non-certified testers

1. You have been assigned as a tester to a team producing a new system incrementally. You have noticed that no changes have been made to the existing regression test cases for several iterations and no new regression defects were identified. Your manager is happy, but you are not. Which testing principle explains your skepticism?

**a) Tests wear out**

b) Absence-of-errors fallacy

c) Defects cluster together

d) Exhaustive testing is impossible

1. Which TWO of the following tasks belong MAINLY to a testing role?

**a) Configure test environments**

b) Maintain the product backlog

c) Design solutions to new requirements

d) Create the test plan

**e) Report on achieved coverage**

1. Which of the following skills (i-v) are the MOST important skills of a tester?

i. Having domain knowledge

ii. Creating a product vision

iii. Being a good team player

iv. Planning and organizing the work of the team

v. Critical thinking

a) ii and iv are important

**b) i, iii and v are important**

c) i, ii and v are important

d) iii and iv are important

1. How is the whole team approach present in the interactions between testers and business representatives?

a) Business representatives decide on test automation approaches

b) Testers help business representatives to define test strategy

c) Business representatives are not part of the whole team approach

**d) Testers help business representatives to create suitable acceptance tests**

1. You were given a task to analyze and fix causes of failures in a new system to be released. Which activity are you performing?

**a) Debugging**

b) Software testing

c) Requirement elicitation

d) Defect management

8.In many software organizations the test department is called the Quality Assurance (QA) department. Is this sentence correct or not and why?

a) It is correct. Testing and QA mean exactly the same thing

b) It is correct. These names can be used interchangeably because both testing and QA focus their activities on the same quality issues

**c) It is not correct. Testing is something more; testing includes all activities with regard to quality. QA focuses on quality-related processes**

d) It is not correct. QA is focused on quality-related processes while testing concentrates on demonstrating that a component or system is fit for purpose and to detect defects

9. A phone ringing in a neighboring cubicle distracts a programmer causing him to improperly program the logic that checks the upper boundary of an input variable. Later, during system testing, a tester notices that this input field accepts invalid input values. Which of the following correctly describes an incorrectly coded upper bound?

**a) The root cause**

b) A failure

c) An error

d) A defect

10. Which of the following is the BEST example of how traceability supports testing?

a) Performing the impact analysis of a change will give information about the completion of the tests

b) Analyzing the traceability between test cases and test results will give information about the estimated level of residual risk

c) Performing the impact analysis of a change will help selecting the right test cases for regression testing

**d) Analyzing the traceability between the test basis, the test objects and the test cases will help in selecting test data to achieve the assumed coverage of the test object**

11. Which of the following BEST explains a benefit of independence of testing?

a) The use of an independent test team allows project management to assign responsibility for the quality of the final deliverable to the test team

b) If a test team external to the organization can be afforded, then there are distinct benefits in terms of this external team not being so easily swayed by the delivery concerns of project management and the need to meet strict delivery deadlines

c) An independent test team can work separately from the developers, need not be distracted with project requirement changes, and can restrict communication with the developers to defect reporting through the defect management system

**d) When specifications contain ambiguities and inconsistencies, assumptions are made on their interpretation, and an independent tester can be useful in questioning those assumptions and the interpretation made by the developer**

12. Consider the following testware.

Test Charter #04.018

Session time: 1h

Explore: Registration page

With: Different sets of incorrect input data

To discover: Defects related to accepting the registration process with the incorrect input

Which test activity produces this testware as an output?

**a) Test planning**

b) Test monitoring and control

c) Test analysis

d) Test design