# ISTQB ATM Practice Questions

**Shared by Ryan on 26-10-2026**

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## Question 1

Question Type: MultipleChoice

You are the Test Manager on a project following an iterative life-cycle model. The project should consist of nine iterations of one month duration each. It is planned to develop the most important features to have a stable core of the application in the first three iterations and to add the additional features in the last six iterations.

At the beginning of the first iteration, only a draft version of the requirements specification document for the core features is available. Assume that during each of the first three iterations, the chosen features are fully completed and unit tested.

Which of the following statements is true in this context?

K4 3 credits

### Options:

A- The system test phase should start when all the requirements are frozen
B- You should allocate a large effort for system testing during the first three iterations
C- You should allocate all the effort for the system test phase only in the last iteration
D- You should apply the same test strategy as used in a sequential life cycle model

### Answer:

B

## Question 2

Question Type: MultipleChoice

You can count on well-written requirements, but you can't count on an adequate contribution of the stakeholders to the quality risk analysis. You have to mitigate the insufficient contribution of the stakeholders because the risk-based testing approach shall minimize the product risks. Your test team has one expert tester in security testing. Which of the following test activities would you expect to be the less important in this context? K4 3 credits

### Options:

A- Extract from the defect tracking system of the previous project all the security defects and failures, and classify them to support design and execution of specific tests
B- Automate all functional and non-functional system tests

C- Apply systematic and exploratory testing for integration and system test
D- Perform exploratory testing sessions with adequate charters covering security aspects

## Answer:

B

## Question 3

Question Type: MultipleChoice

Assume that the following test cases have been executed at the end of the first week of test execution: TC-001, TC-002 and TC-007. All these tests are 'passes'.

| | | TEST CASES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TC-001 | TC-002 | TC-003 | TC-004 | TC-005 | TC-006 | TC-007 | TC-008 | TC-009 | TC-010 |
| REQUIREMENTS | REQ-001 | X | | | | | | | | | |
| | REQ-002 | | X | X | | | | | | | |
| | REQ-003 | | | | X | | | | | | |
| | REQ-004 | | | | X | | | X | | | |
| | REQ-005 | | | | | X | | X | | | |
| | REQ-006 | | | | | | X | X | | | |
| | REQ-007 | | | | | | | | X | | |
| | REQ-008 | | | | | | | | X | | |
| | REQ-009 | X | | | | | | | | | |
| | REQ-010 | | | | | | | | | X | |
| | REQ-011 | | | | X | | | | | | |
| | REQ-012 | | | | | | | | | | X |

What is the MINIMUM number of the remaining test cases that must be successfully executed to fulfill the EX1 exit criteria?

K3 2 credits

## Options:

A- 4
B- 5
C- 6
D- 7

## Answer:

A

## Question 4

Question Type: MultipleChoice

Assume you are working on a CAS (Conditional Access System) for Pay-TV that allows the access, selection and transfer of services and media to authorized users. Authorized users can choose their services through different channels: Web Customer Portal, IVR (Interactive Voice Response), Call Centre and SMS. The system uses a Smart Card to receive and decrypt the broadcasted encrypted control words which allow decrypting pay-per-view TV. Every authorized user must have a Smart Card and a Set-Top Box to view the contents.

The following is an excerpt from the product risk analysis document:

Both likelihood and impact have been rated on the following scale: (1 -- Very low, 2 -- Low, 3 -- Medium, 4 -- High, 5 -- Very High).

The required test environment and code have been delivered. All test cases for each identified product risk item have been written and are ready to be executed. The Database used to contain the Smart Cards is empty and so only new Smart Cards can be used during test execution.

A Smart Card can only be activated if it has been previously pre-activated. This means the postconditions for the execution of the test cases to test the pre-activation of the Smart Card are the pre-conditions for activation of the Smart Card.

Which of the following statements represents the most effective contribution of the stakeholders to the completion of the failure mode analysis table?

K4 3 credits

| Potential Failure Mode(s) - Quality Risk(s) | Priority | Severity | Detection | Detection Method(s) |
|---|---|---|---|---|
| Fails to connect to the PCMCIA card | | 3 | | Test; Debug |
| Fails to transfer the maps from the PCMCIA card | | 3 | | Test; Debug |
| Fails to load the transferred map | | 3 | | Test; Debug |
| Fails to switch from one map to another | | 2 | | Test; |

## Options:

A- The aircraft pilot and the customer representative should contribute to assess the detection. The chief software engineer, the system architect and the expert tester should contribute to assess the priority.
B- The aircraft pilot and the customer representative should contribute to assess the priority. The chief software engineer, the system architect and the expert tester should contribute to assess the detection.
C- The system architect and the chief software engineer should contribute to assess the priority. The expert tester is the only one who should contribute to assess the detection.
D- The aircraft pilot is the only one qualified to contribute to assess the priority and thus should be assigned this task. The customer representative should contribute to assess the detection.

### Answer:

B

## Question 5

Question Type: MultipleChoice

Which of the following statements describing the consequences of specifying test conditions at a detailed level is NOT true?

K2 1 credit

### Options:

A- In an environment where the test basis is continuously changing, it is recommended to specify test conditions at a detailed level in order to achieve a better maintainability
B- The specification of test conditions at a detailed level can be effective when no formal requirements or other development work products are available
C- The specification of test conditions at a detailed level can require the implementation of an adequate level of formality across the team
D- For system testing, the specification of test conditions at a detailed level, carried out early in the project as soon as the test basis is established, can contribute to defect prevention

### Answer:

A

## Question 6

Question Type: MultipleChoice

In the next two months some new features will be constantly added to new releases of a project you are working on as Test Manager.

You have identified as one of the main project risks, that the requirements specification will still be incomplete when your team starts the test design and implementation phase.

Some requirements will most likely be completed too late to allow a proper test preparation. You and your test team have already worked on several similar past projects in the same organization.

Which one of the following options would you expect to be the most effective at mitigating this risk?

K4 3 credits

## Options:

A- Don't prepare any test and just run the regression test suite to check that the new features don't introduce regression
B- Make reasonable assumptions about the missing details and design lightweight tests that can be easily updated during test execution
C- Don't design any test until the test execution starts, then communicate that test execution is blocked due to incomplete requirements
D- Even if there are only few details missing, escalate the risk to the project manager without preparing any tests

## Answer:

B

# Question 7

Question Type: MultipleChoice

You are the Test Manager for a project to develop a web customer portal of a Pay-TV company that allows customers (with a smartcard and a set-top box) to purchase digital contents.

In the "select" page the system displays a dialogue where the customer can select the items (digital contents) he/she is interested in. In this page he/she can add one or more items to a shopping cart. An item consists of a product and a duration.

There are three types of products: Movie, sport and premium (movie and sport).

There are four possible durations: 1 months, 2 months, winter (from the beginning of January to end of March) and summer (from the beginning of July to end of September).

All the combinations of products and durations are allowed to define an item. Thus there are twelve possible items. A maximum of six different items can be added to the shopping cart at a time.

When the customer decides to check out he/she goes to the "purchase" page where he/she can pay the total amount of the shopping cart in three different ways:

- using a credit voucher

- using a credit already charged on the smartcard

- using a credit card (accepted credit cards are. Visa, MasterCard and Great Wall Card)

The customer can logout from both the ''select'' and ''purchase'' pages. In this case no purchase is made.

You decide to apply a blended risk-based and reactive testing strategy and the following is a subset of the exit criteria for system testing:

EXCR1- Each ''critical'' quality risk item must be covered by at least one test condition EXCR2- Each ''critical'' requirement must be covered by at least one test condition You are following a risk-based testing strategy. The test execution time is very limited. Assume that all the product risk items require more or less the same level of test effort.

| Product Risk Item | Likelihood | Impact |
|---|---|---|
| The system does not accept transactions coming from the IVR channel | 1 | 5 |
| The system does not correctlv charge a Smart Card with the required contents | 2 | 5 |
| The system does not activate a pre-activated Smart Card | 3 | 5 |
| The system does not pre-activate a Smart Card | 5 | 3 |

Which of the following answers describes the best execution schedule in this scenario? K3 3 credits

## Options:

A- 1- Test the acceptance of transactions coming from the IVR channel
2- Test the correct charge of the Smart Card with the required contents
3- Test the correct pre-activation of the Smart Card
4- Test the correct activation of the Smart Card
B- 1- Test the correct pre-activation of the Smart Card
2- Test the correct charge of the Smart Card with the required contents
3- Test the correct activation of the Smart Card
4- Test the acceptance of transactions coming from the IVR channel
C- 1- Test the correct activation of the Smart Card
2- Test the correct pre-activation of the Smart Card
3- Test the correct charge of the Smart Card with the required contents
4- Test the acceptance of transactions coming from the IVR channel
D- 1- Test the correct pre-activation of the Smart Card
2- Test the correct activation of the Smart Card
3- Test the correct charge of the Smart Card with the required contents
4- Test the acceptance of transactions coming from the IVR channel

## Answer:

D

## Question 8

Question Type: MultipleChoice

Which of the following answers describes a factor that may reduce the effort spent when using distributed test teams without negatively affecting system quality?

K2 1 credit

### Options:

A- Difficulties in communication between the distributed test teams due to time zone differences
B- With several distributed test teams, every team assumes that some test conditions are covered by other teams but actually no one covers them
C- With several distributed test teams, two or more teams assume some test conditions are covered by their team and their team alone. But all of the teams actually cover them
D- With several distributed test teams, all of the distributed test teams use a single unified test dashboard

### Answer:

D

## Question 9

Question Type: MultipleChoice

A chart showing the trend in the lag time from defect reporting to resolution during system testing is also available. The chart shows that the daily closure period is consistently and significantly above the rolling closure period for a long period of the system testing phase. Almost all defects found during system testing have been related to the system as a whole, not related to single units or integrations issues. Almost all quality risks have been addressed during the unit and integration testing phase and no residual quality risks were present in the integrated system. This has been confirmed by exploratory testing sessions performed during system testing, targeted at finding defects in these quality risk areas. Based on the given information only, which one of the following areas would you expect to be considered more in the retrospective meeting in order to be improved?

K3 3 credits

### Options:

A- The requirements review

B- The defect management process
C- The quality risk analysis process
D- The system design and architecture design reviews

### Answer:

B

## Question 10

Question Type: MultipleChoice

Which of the following statements about the TMMi test process improvement model is true? K2
1 credit

### Options:

A- In TMMi all the process areas at lower levels must be 75% complete by achieving specific and generic goals in order to claim the higher level
B- TMMi provides an approach for test process improvement such as the IDEAL (Initiating, Diagnosing, Establishing, Acting and Learning) model
C- TMMi has a staged architecture for process improvement with seven maturity levels
D- At TMMi level 1 testing is chaotic without a defined process, and it is often seen as the same as debugging

### Answer:

D

## Question 11

Question Type: MultipleChoice

You are the Test Manager of a new project aimed at developing a software system that must be certified at level B of the DO-178B standard. The project will follow a V-Model software development life cycle and it will have four formal levels of testing: component, integration, system and acceptance testing.

You must produce the test plan documentation for this project by providing an adequate coordination across the four levels of testing in order to assure audit ability.

Which of the following answers would you expect to best describe how to organize the test plan?

K3 2 credits

## Options:

A- Produce a single master test plan that covers in detail all four levels, describing the particular activities for all test levels
B- Produce a master test plan that covers three levels (component, integration, system test) and a separate acceptance test plan
C- Produce a master test plan describing the relationship between the four levels, and four separate detailed level test plans, one for each level
D- Produce four separate detailed level test plans, one for each level, without a master test plan

## Answer:

C

# Question 12

Question Type: MultipleChoice

The following are the requirements identified as ''critical'':

REQ-SEL-001. The user shall be able to combine all the three products with all the four durations to define an item to purchase

REQ-SEL-002. The user shall be able to add a maximum of six different items to the shopping cart REQ-PUR-001. The user shall be able to purchase all the items in the shopping cart using a credit voucher

REQ-PUR-002. The user shall be able to purchase all the items in the shopping cart using the available credit already charged on the smartcard

REQ-PUR-003. The user shall be able to purchase all the items in the shopping cart using all the accepted credit cards (Visa, MasterCard and Great Wall Card)

REG-LOGO-001. The user shall be able to logout (by clicking the logout button) from both the ''select'' and ''purchase'' pages going back to the ''browse'' page (anonymous navigation)

Moreover the following quality risk item has been identified as ''critical'':

QR-P1. The web customer portal might not be able to provide the expected response time (less than 10 sec) for the purchase transactions under a load of up-to 1000 concurrent users Test analysis for system testing has just begun and the following test conditions have been identified.

TC-SEL-01. Test the combinations of products and durations to define an item to purchase TC-SEL-02. Test the maximum number of items, which can be added to the shopping cart

TC-PUR-01. Test the purchase of an item

TC-PUR-02. Test the purchase of an item with the credit charged on the smartcard

What is the MINIMUM number of test conditions that must be added to fulfill both the EXCR1 and EXCR2 exit criteria?

K3 2 credits

## Options:

A- 1
B- 2
C- 3
D- 4

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## Answer:

C

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