Free Questions for TMMi-P_Syll2.1

Shared by Rodgers on 04-10-2024

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Question 1

To which TMMi level 4 process area does the specific practice "Define a co approach is defined that co-ordinates both static and dynamic testing?

Options:

A- Product Quality Evaluation

B- Test Measurement

C- Advanced Reviews

D- This is not a specific practice of a TMMi level 4 process area

Answer:

C

Explanation:

The specific practice 'Define a coordinated approach that coordinates both static and dynamic testing' is part of the Advanced Reviews process area at TMMi Level 4. The goal of this process area is to integrate static and dynamic testing, particularly through peer reviews,

which helps optimise both defect detection and product quality management throughout the lifecycle.

Question 2

Question Type: **MultipleChoice**

Which of the following is a specific goal of the process area Advanced Reviews?

Options:

A- Measure Product Quality Early in the Lifecycle by Means of Peer Reviews

B- Establish a Peer Review Approach

C- Peer Review Activities are Planned

D- Defects in Software Work Products are Identified and Removed

Answer:

A

Explanation:

In the process area Advanced Reviews at TMMi Level 4, one of the key specific goals is to measure product quality early in the lifecycle through peer reviews. These reviews are coordinated with dynamic testing to optimise the testing process by incorporating early defect detection and product quality data. This practice emphasises improving product quality from the beginning, aligning peer reviews with the overall test strategy.

Question 3

Question Type: **MultipleChoice**

Consider the following specific goal "Coordinate the Peer Review Approach with the Dynamic Test Approach". To which of the following process areas does this specific goal belong?

Options:

A- Test Planning

B- Test Life Cycle and Integration

C- Peer Reviews

D- Advanced Reviews

Answer:

D

Explanation:

The specific goal 'Coordinate the Peer Review Approach with the Dynamic Test Approach' belongs to the process area Advanced Reviews at TMMi Level 4. This process area builds on the Peer Reviews process area introduced at TMMi Level 3 and aims to fully integrate static and dynamic testing processes. It ensures that peer reviews (static testing) are coordinated with the dynamic test approach, ensuring consistency between the two methods and optimising product quality measurement early in the lifecycle.

Question 4

Question Type: **MultipleChoice**

Test Planning is identified as one of the process areas at TMMi level 2. It introduces practices such as perform product risk analysis, define test approach, establish test estimates and obtain commitment to the test plan. TMMi process areas at higher TMMi levels build on these practices.

Which of the following TMMi level 3 process areas most strongly and specifically builds on the practices and experiences of Test Planning at TMMi level 2?

Options:

A- Test Organization

B- Test Lifecycle and Integration

C- Non-Functional Testing

D- Peer Reviews

Answer:

B

Explanation:

At TMMi Level 3, Test Lifecycle and Integration builds on the practices of Test Planning introduced at TMMi Level 2. This process area focuses on establishing a standardised test lifecycle, integrating the test process with the development lifecycle, and coordinating the testing effort across multiple levels. It also includes creating a master test plan that builds upon the risk assessments, test estimates, and approaches defined at Level 2 during Test Planning.

By further refining these practices and introducing lifecycle integration, Test Lifecycle and Integration ensures that the testing processes are consistent, well-defined, and fully embedded into the overall project lifecycle.

Question 5

A test process assessment has been performed at a small local bank. The assessment revealed that testing is performed by business analysists on an ad-hoc basis, in addition to their regular work. There are no defined test functions and testing is not considered to be a career path within the bank Which of the following process areas would need specific attention to address the above mentioned shortcoming?

Options:

A- Test Strategy

B- Test Planning

C- Test Organization

D- Test Training Program

Answer:

C

Explanation:

In the scenario described, testing is performed ad hoc by business analysts who do not have defined test roles or a structured career path within the organisation. The process area that needs attention here is Test Organization (TMMi Level 3). This process area is crucial for establishing a structured test group with dedicated roles and responsibilities for testing, rather than relying on business analysts for testing as a secondary task.

The Test Organization process area focuses on establishing a formalised test organisation within the company, defining test functions and responsibilities, and promoting testing as a recognised profession with defined career paths. This would address the shortcomings of the current setup by creating a dedicated, skilled testing team, thus improving the consistency and quality of testing activities within the bank.

Question 6

Question Type: MultipleChoice

Which of the following is NOT a specific goal for the process area Non-Functional Testing?

Options:

A- Perform a Non-functional Product Risk Assessment

B- Establish a Non-functional Test Plan

C- Perform Non-Functional Test Analysis and Design

D- Perform Non-Functional Test Implementation

Answer:

B

Explanation:

The process area Non-functional Testing at TMMi Level 3 focuses on performing a structured test execution process for non-functional attributes of the system. The specific goals for this process area include:

Perform a Non-functional Product Risk Assessment

Perform Non-functional Test Analysis and Design

Perform Non-functional Test Implementation

The creation of a specific non-functional test plan is not explicitly listed as a goal within this process area, although defining a non-functional test approach is addressed. Hence, 'Establish a Non-functional Test Plan' (B) is not a specific goal of the Non-functional Testing process area.

Question 7

In a TMMi assessment, one of the shortcomings stated was the lack of coherency across various test levels and test types being performed. Establishing a master test plan was an improvement action recommended by the assessors. Which TMMi process area addresses a specific goal and specific practices for establishing a master test plan?

Options:

A- Test Monitoring and Control

B- Test Organization

C- Test Lifecycle and Integration

D- Test Planning

Answer:

C

Explanation:

The process area Test Lifecycle and Integration at TMMi Level 3 focuses on establishing a coherent test process across multiple test levels and integrating the test lifecycle with the development lifecycle. This process area addresses the creation of a master test plan, which is essential for ensuring consistency and avoiding redundancy or omissions across different test levels.

The specific goal and practice for establishing a master test plan are well documented within the Test Lifecycle and Integration process area. Practices include performing a product risk assessment, establishing the test approach, and developing the master test plan itself.