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Vendor:ISEB

Exam Code:BH0-007

Exam Name:ISEB Intermediate Certificate in Software
Testing

Version:Demo

QUESTION 1

Which stage of the Fundamental Test Process will be most affected by the use of user-stories as defined above?

- A. Creating a schedule of activities as part of test planning.
- B. Creating test cases as part of test design.
- C. Creating the test environment as part of test execution.
- D. Assessing requirements coverage at the end of each Sprint.

Correct Answer: B

QUESTION 2

Which of the following is the main purpose of an incident tracking process?

- A. To identify the average number of steps required to recreate each incident.
- B. To calculate the average turnaround times per defect.
- C. To identify the priority of each incident.
- D. To understand the status of each incident at any given time.

Correct Answer: D

Case Study # 3

Scenario

Data is transmitted over the internet as a series of packets. Each packet is sent to its destination via the best available route. The decision on the best available route is made by a series of routers on the internet.

In order to make the best decision on the route to take, the router:

1) Scans the destination address and matches it against rules set up in a configuration table. 2) Checks the performance of the primary connection to see if it is good enough to send the packet. If not,

it seeks an alternative.

Routers handle many millions of packets being sent at the same time. Packets can take the form of email messages, data files etc.

QUESTION 3

At what point in the test process should you first consider the test environment required for the project?

- A. When writing the test policy.

- B. When writing the test strategy.
- C. With designing the test cases.
- D. When writing the test procedures.

Correct Answer: B

QUESTION 4

Which of the following review types would be recommended at the start of each Sprint, for the reason given?

- A. An inspection, to find errors in the user-stories.
- B. A management review, to check that the user-stories will accurately reflect the rules for accessibility.
- C. A walkthrough of the set of user-stories, to ensure that the developers and testers understand what is to be built.
- D. A technical review of the test plan, to ensure that the developers are aware that they must produce good quality code.

Correct Answer: C

QUESTION 5

You need to test that the rules have been correctly set up in the configuration table, according to the specification. Which one of the following test design techniques would be most suitable for this?

- A. Data flow testing.
- B. Statement testing.
- C. Decision table testing.
- D. Boundary value analysis.

Correct Answer: C

QUESTION 6

Which of the following best describes the order in which this should be carried out?

- a.
Decide which category of test design technique to use.
- b.
Review test specifications.

c.

Write test procedures.

d.

Create test cases.

e.

Identify test conditions.

A.

a, b, d, e then c.

B.

b, e, a, d then c.

C.

b, a, d, c then e.

D.

e, b, a, d then c.

Correct Answer: B

QUESTION 7

When creating the functional specification for the temperature control system, which of the following review types would be most recommended to resolve any issues?

A. A walkthrough.

B. A technical review.

C. A management review.

D. A code inspection.

Correct Answer: B Case Study # 2Scenario

Your organisation is a large media services corporation (MSC). MSC uses Agile development, within a Scrum framework. Here, the iterations are referred to as Sprints.

For each Sprint, a set of user-stories is defined, built, and tested. The user-stories are typically 1- 2 lines long, indicating what the customer wants the system to do.

MSC is in the process of updating its website to meet the recently introduced accessibility rules for websites. Accessibility means the availability of a system suitable to members of the public with, for example, visual or hearing difficulties.

It has been decided to start with two requirements, as its first 2 Sprints:

- 1) Presentation of content with clear headings, short sentences, text versions always available.
- 2) Consistent navigation through the website.

You are the test manager and there are four developers and two testers. You have all worked together previously, and are very experienced in MSCs products. Although the accessibility rules are new to you and the team, you have all attended a workshop where they were explained.

QUESTION 8

Which one of the following test tools would you recommend for the E2E phase.

- A. A configuration management tool to ensure that all user-stories have been properly archived.
- B. A test design tool to create the test cases as efficiently as possible.
- C. A performance test tool to check that anticipated loading can be handled.
- D. A modelling tool to verify the stock exchange pricing structures.

Correct Answer: C

QUESTION 9

Which of the following are product risks and which are project risks?

a.

The navigation through some parts of the website may need to be different from others.

b.

Sprint 1 may not be completed on time, leading to a delay to the start of Sprint 2.

c.

Text versions of images may not always be possible.

d.

There may be a need to buy a capture-replay tool for regression testing.

e.

A key member of the team may leave before the Sprints have been completed.

A.

a, b and c are product risks, d and e are project risks.

B.

a and c are products risks, b, d and e are project risks.

C.

b, c and e are product risks, a and d are project risks.

D.

a, d and e are product risks, b and c are project risks.

Correct Answer: B

QUESTION 10

Which of the following test design techniques could be used to do this?

a.

Statement testing.

b.

Path testing.

c.

State transition testing.

d.

Exploratory testing.

A.

a and c.

B.

b and c.

C.

c and d.

D.

a and d.

Correct Answer: C Case Study# 5Scenario

A rail services provider is upgrading its signalling systems, to allow train drivers and signallers to communicate securely and timely.

This is seen as a safety critical system. The IT processes in place include many quality check points, including the use of the V-model for software development.

The provider has recently lost many of its software development and test staff to other organizations. The management staff has been retained, including the project and development manager for this upgrade. A recruitment drive is underway.

You have been brought in as a new test manager, and you have been asked to review the processes surrounding development and testing.

The project manager has been asked about a formal process of building test procedures using specification-based techniques.

QUESTION 11

Which of the following best describes a testing challenge of the application domain of the routers described?

- A. Testing that the receivers PC can store emails routed to it.
- B. Testing that large organisations can scan incoming files routed to them for viruses.
- C. Testing that packets are delivered by the routers in the required timescales.
- D. Testing that files can be sent in any language.

Correct Answer: C

QUESTION 12

Which of the following test design techniques would be most suitable for testing that the oxygen is released at the required times?

- A. Decision Testing.
- B. Statement Testing.
- C. Data flow Testing.
- D. Boundary Value Analysis.

Correct Answer: D