Microsoft

Exam 70-498

Delivering Continuous Value with Visual Studio 2012 Application Lifecycle Management

Version: 9.0

[Total Questions: 95]

Question No : 1

You are utilizing the Microsoft Visual Studio Scrum 2.0 process template.

Your development team uses the storyboard feature in Visual Studio 2012.

You need to ensure that there is consistency of user interface between different features of the product.

What should you do?

A. Create a design guide document with images of sample standard layouts. Provide a copy of this document to all team members.
B. Create custom storyboard shapes by using Microsoft PowerPoint that match your corporate standard user interface (UI) controls. Export these and make them available to the team as an import for use in all storyboards.
C. Create custom storyboard shapes in PowerPoint that match your corporate standard UI controls. Save the results as a PowerPoint template in the SharePoint site associated with the Team project collection. Instruct team members to import the shapes.
D. Create images of your UI controls as GIF/JPEG files that match your corporate standard UI controls. Export these and make them available to the team as an import for use in all storyboards.

Answer: B

Question No : 2

You manage a software development project that includes multiple feature teams. The teams integrate their code into a shared code repository as frequently as possible.

You plan to configure a build definition by using the default build process template (DefaultTemplate.xaml).

You need to know when a check-in from a feature team has broken the build or caused a test to fail, without impacting the feature team.

What should you do?

A. Set the Analyze Test Impact parameter to True in the build process template.

B. Set the build trigger to Continuous Integration and enable automated testing.
C. Add the Builds check-in policy to your team project.
D. Create a shelveset command for pending changes. Queue a build using the latest source with the shelveset parameter.

Answer: B

Question No : 3 DRAG DROP

You are developing a web application. Currently, the test team tests the website on a Hyper-V virtual machine (VM) named WebTest. The majority of the test cases explicitly reference WebTest.
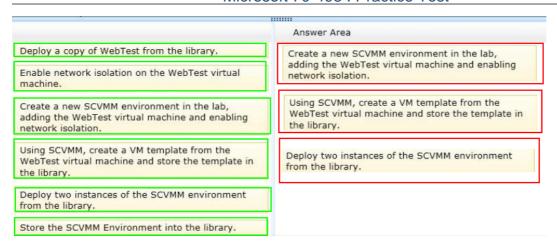
The test team wants to divide into two independent teams to speed testing, and has indicated that they will likely create a third test teamsoon.

You need to define a strategy that provides separate test environments for each team with as little impact on the tests as possible.

What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

	Answer Area
Deploy a copy of WebTest from the library.	
Enable network isolation on the WebTest virtual machine.	
Create a new SCVMM environment in the lab, adding the WebTest virtual machine and enabling network isolation.	
Using SCVMM, create a VM template from the WebTest virtual machine and store the template in the library.	
Deploy two instances of the SCVMM environment from the library.	
Store the SCVMM Environment into the library.	

Answer:

	Answer Area
Deploy a copy of WebTest from the library.	Create a new SCVMM environment in the lab, adding the WebTest virtual machine and enabling network isolation.
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Deploy two instances of the SCVMM environment from the library.	
Store the SCVMM Environment into the library.	

Question No : 4

You are a scrum master.

You need to lead the daily scrum meeting.

Which three questions should you ask? (Each correct answer presents part of the solution. Choose three.)

A. What will be done before the next meeting?
B. What went well?
C. What has been accomplished since the last meeting?
D. Are there any potential improvements?
E. What obstacles are in the way?
F. Is the burndown up to date?

Answer: A,C,E

Question No : 5

You manage a project that has three teams working in parallel on a single codebase using a Scrum process methodology.

You need to ensure that each team can manage work separately while editing a shared code base.

What should you do?

A. Within a single team project, create separate iteration paths for each team. Assign each team member to their respective iteration path.
B. Create a team project for each team, assigning different team members to each team project.
C. Within a single team project, create three teams. Assign each team member to their respective teams.
D. Create a team project for each team, assigning all team members to each team project.

Answer: C

Question No : 6

Your development team is using the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0 process template.

The team has identified all of the acceptance criteria for a new application. This data currently resides in a series of spreadsheets.

You need to enter the criteria into TFS for team traceability and tracking.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create test case work items for each criterion in the spreadsheet. Link the test case work items with the work item(s) for the appropriate requirements.
B. Create Requirement work items.
C. Create a new task work item for each criterion in the spreadsheet. Set the Triage attribute for each task work item to Information Received.
D. Create a new quality of service test case work item for each criterion in the spreadsheet. Link the quality of service test case work items with the work item(s) for the appropriate requirements.

Answer: A,B

Question No : 7

You manage a highly complex project by using Microsoft Visual Studio Team Foundation Server (TFS) 2012 for application lifecycle management (ALM).

The project has the following characteristics:

* The development team is multi-disciplined, executes all work that is required, and has a high degree of autonomy.

* A key stakeholder acts as product owner to create, prioritize, and manage dynamic product requirements.

* You plan and complete requirements in three week cycles.

* You do not need to keep track of an audit trail.

You need to select a development process.

What are two possible development processes you could select to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. MSF for CMMI Process Improvement 6.0
B. Microsoft Waterfall 6.0
C. Microsoft Visual Studio Scrum 2.0
D. Microsoft Security Development Lifecycle (SDL) Process Template
E. Microsoft Kanban 1.0

Answer: C,E

Question No : 8

Your development team uses Scrum as its process framework.

You need to identify key metrics for measuring the effectiveness of any process changes.

Which three key metrics should you measure? (Each correct answer presents a complete solution. Choose three.)

A. Number of story points delivered during the sprint
B. Number of tasks added to the sprint after the sprint starts
C. Number of bugs reported by testers
D. Number of classes in the code-base

E. Number of items added to the Product Backlog
F. Number of manual test cases created

Answer: A,B,C

Question No : 9

Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage the software development process. You use the Microsoft Visual Studio Scrum 2013 process template on your TFS Team Project.

You work with the product owner to define and prioritize the Product Backlog.

Due to new business regulations, a group of product backlog items need to be implemented sooner than initially planned.

You need to raise the business value of the affected product backlog items.

Which two actions should you perform? Each correct answer presents a complete solution.

A. Edit the Product Backlog Item work item by changing the resolution to a higher value.
B. Select the Product Backlog Item, and drag it towards the top of the backlog.
C. Adjust the business value on the Product Backlog Item.
D. Edit the Product Backlog Item work item by changing the priority to a higher value.
E. Select the Product Backlog Item, and drag it towards the bottom of the backlog.

Answer: B,C

Question No : 10

Your development team uses Scrum as its process framework and utilizes the Microsoft Solution Framework (MSF) for Agile Software Development 6.0 process template.

Your product owner requests making an internal system public. The request is top priority for the next sprint.

You need to determine if the team can commit to the request for the next sprint.

What should you do?

A.
• Create user story work items for the request.
• Provide story point estimates for each user story.

B.
• Create user story work items for the request.
• Record hour estimates in each user story.

C.
• Create user story work items for the request.
• Create child task work items for each unit of work.
• Record hour estimates in each task.

D.
• Create product backlog item work items for the request.
• Create linked task work items for each unit of work.
• Provide hour estimates for each task.

Answer: C

Question No : 11

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your development team is using the Microsoft Framework (MSF) for Agile Software Development 6.0 process template. You have a number of user stories logged in TFS

2012.

Several user stories have external dependencies on an application programming interface (API) that is being developed by a third party. The interfaces for the API have already been agreed upon.

You need to recommend how these external dependencies should be handled in your current sprint.

What should you do?

A. Add a resource to represent the third party and assign all the user stories that have dependencies on the API to this new resource.
B. Add an agreed upon amount of effort to every user story that has dependencies on the API.

C. Move all user stories that have dependencies on the API to the next sprint.
D. Create mockups of the API using the agreed upon interfaces. Add user stories for integration testing to the backlog.

Answer: D

Question No : 12

You are an automation engineer for your company. Your Scrum team is defining processes for how your team should deliver products for product owner approval.

Your development team is deciding what the definition of done should be.

You need to contribute a test suite that will confirm each user story's level of done.

Which test should you perform?

A. Integration
B. Security
C. Performance
D. System

Answer: D

Question No : 13

You are planning to develop a new application.

You want to be able to measure the quality of the code you create.

You need to ensure that it is easy to test and obtain high code coverage.

What should you do?

A. Ensure that each class has only one responsibility.
B. Ensure that concrete classes depend only on other concrete classes.
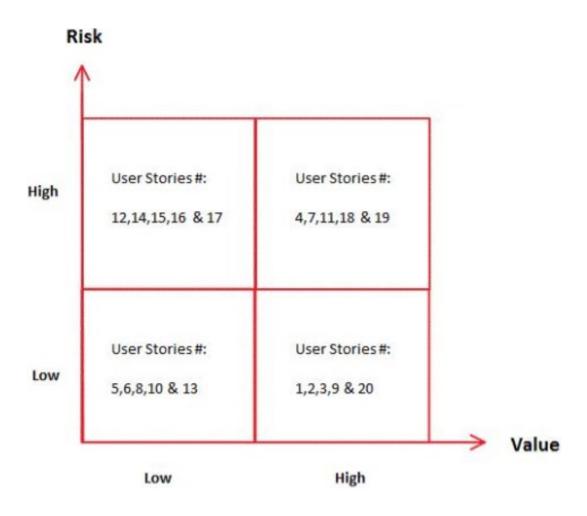**C.** Create as few abstract classes and interfaces as possible.

D. Create as many static methods as possible.

Answer: A

Question No : 14 HOTSPOT

Your Scrum team is planning a release and wants to prioritize user stories based on value and risk.

The stories are grouped according to the ratio of value to risk, as shown in the following image. Effort is the same for all user stories.

Risk

High	User Stories #: 12,14,15,16 & 17	User Stories #: 4,7,11,18 & 19
Low	User Stories #: 5,6,8,10 & 13	User Stories #: 1,2,3,9 & 20
	Low	**High**

Value

The product owner on your team wants to ensure a higher return on investment based on today's prioritization activity.

You need to prioritize these user stories into four sprints for this release.

Use the drop-down menus to select the answer choice that answers each question.