**Questions**

1. What is ALM Business component?

Business Process Testing is a fast and efficient way of creating, organizing and executing tests. It is extremely similar to using manual reusable templates to build up a script, but it extends the idea by pairing seamlessly with automation, and including an easy, user friendly interface for building up tests.

1. What are the advantages of using a business component?
2. A manual tester can remove the unwanted component from the test flow without affecting the code. Single point of maintenance for all elements associated with the testing of a specific part of your application
3. High reusability with data-driven test components
4. Quickly test multiple flows, suitable for agile frameworks.
5. What are the key features of ALM BPT?

• Parameterization. You can expand the scope of business process tests, flows, and components by defining the parameters that a component or flow can receive or return, and then replacing fixed values with these parameters.

• Iterations. Defining iterations enables you to automatically run business components, flows, and tests multiple times, each time using different input parameter values.

• Maintenance. Using BPT tests you can maintenance/modify business components without alter the behavior of the test flow. In case the process flow changes, each component can be modified so that the tests achieve all the new requirements.

1. What is HP ALM?

HP Application Lifecycle Management (HP ALM) is a set of software products designed for accelerating the delivery of secure, reliable modern applications. It is a combination of a common platform, several key applications and a dashboard targeted at managing the core lifecycle of applications.

1. What are the methodologies available for ALM BPT?

Button-up and button-down

What are the roles used in the ALM?

What are the responsibilities for a subject matter experts?

* Determine the business processes to test.
* Create business components and steps.
* Create flows and business process tests.
* Define data for iterations and configurations.

1. What are the features that comes along with HP BPT 11.52

* Unified IDE–BPT tests within UFT
* Abstracted implementations – manual, automated, both
* Sprinter integration

1. When is only applied an automation engineer role?

The role is only applied for automated tests.

**Exercise**

Please go to ALM and create a business component that represents the process of logging into Mercury Tours.

*Steps:*

1. Go to ALM

2. Log into the project available for the training.

3. Go to Business Components module.

4. Under the Business Components Tree, create a Folder and name it: "Training"

5. Right click in the folder just created and select: "Create a New Component"

6. The Component will be called: "Login"

7. Under the manual implementation tab, create following steps for this component:

1. Access to http http://96.226.128.114:11500/mtours/servlet/com.mercurytours.servlet.WelcomeServlet

2. Type your username

3. Type your Password

4. Click Sign-in

***Result Expected: Be able to sing-in the Mercury tours website***