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1 Days Left

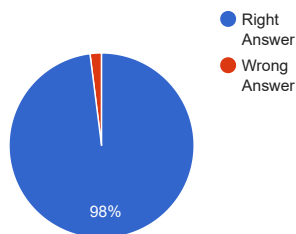
#### Exam Result

Course	Fiori App. Developer Questions/Dumps {C_FIORDEV_21}
Module	SAP Fiori Application Developer - Test 1
Min Marks (%)	66%
Right Answer	49
Wrong Answer	1
Your Score	98%
Result	Pass

[GO TO COURSE \(HTTPS://THEEXAMQUESTIONS.COM/PROFILE/MODULES/VMXKMFIXTXDLRMYYTFWV1YcEdRMVJXULRSUVVUMDK=\)](https://theexamquestions.com/profile/modules/vmxkMFIXTXDLRMYYTFWV1YcEdRMVJyUIRsUVVUMDK=)

#### Result Analysis

Your Result



#### Question 1

Right

Ques:-

What is the purpose of the SAP HANA Cloud connector?

- ☐ It allows the SAP Web IDE to connect to the on-premise system's Cordova development environment
- ☐ It connects the services of the SAP HANA Cloud Platform and SAP Web IDE
- ☒ It connects the services of the SAP HANA Cloud Platform and on-premise system in the customer's network
- ☐ It lists the search components and corresponding search models needed for the app

**Correct Answer : 3**

Explanation

The Cloud Connector:

- Serves as a link between SAP Cloud Platform applications and on-premise systems.
  - Combines an easy setup with a clear configuration of the systems that are exposed to the SAP Cloud Platform.
  - Lets you use existing on-premise assets without exposing the entire internal landscape.
- Runs as on-premise agent in a secured network.
  - Acts as a reverse invoke proxy between the on-premise network and SAP Cloud Platform.
- Provides fine-grained control over:
  - On-premise systems and resources that can be accessed by cloud applications.
  - Cloud applications using the Cloud Connector.
- Lets you use the features that are required for business-critical enterprise scenarios.
  - Recovers broken connections automatically.
  - Provides audit logging of inbound traffic and configuration changes.
  - Can be run in a high-availability setup.

Link: <https://help.sap.com/viewer/cca91383641e40ffbe03bdc78f00f681/Cloud/en-US/e6c7616abb5710148cfcf3e75d96d596.html>  
(<https://help.sap.com/viewer/cca91383641e40ffbe03bdc78f00f681/Cloud/en-US/e6c7616abb5710148cfcf3e75d96d596.html>)

## Question 2

Right

Ques:-

How do you integrate SAPUI5 in a Kapsel/Hybrid app?

1. ☐ Create a new Kapsel plugin using SAPUI5
2. ☒ Add the sap-mobile-hybrid.js file to the Hybrid app
3. ☐ Configure the SAPUI5 resources in the config.xml file of the Hybrid app
4. ☐ Add the SAPUI5 bootstrap code into index.html

**Correct Answer : 2**

Explanation

Link: <https://blogs.sap.com/2018/05/22/creating-an-offline-crud-hybrid-mobile-app-in-sap-web-ide-full-stack-with-hybrid-application-toolkit/> (<https://blogs.sap.com/2018/05/22/creating-an-offline-crud-hybrid-mobile-app-in-sap-web-ide-full-stack-with-hybrid-application-toolkit/>)

<https://blogs.sap.com/2018/11/20/lets-build-an-offline-hybrid-ui5-application-from-scratch-part-1/>  
(<https://blogs.sap.com/2018/11/20/lets-build-an-offline-hybrid-ui5-application-from-scratch-part-1/>)

## Question 3

Right

Ques:-

What happens when you use the SAP Web IDE console during a deployment? (2 Correct)

1. ☒ You can view error messages when a deployment is NOT successful
2. ☐ You can archive the success messages in the console
3. ☐ You can view error messages when a deployment is successful
4. ☒ You can debug the error messages in the console

**Correct Answer : 1,4**

Explanation

## Development Perspective Overview – Continued



### Question 4

Right

Ques:-

Which element in the SAPUI5 architecture holds the data in JSON or XML?

1. ☒ Model
2. ☐ Component
3. ☐ Controller
4. ☐ View

Correct Answer : 1

Explanation

The Model View Controller (MVC) concept is used in SAPUI5 to separate the representation of information from the user interaction. This separation facilitates development and the changing of parts independently.

Model, view, and controller are assigned the following roles:

- The **view** is responsible for defining and rendering the UI.
- The **model** manages the application data.
- The **controller** reacts to view events and user interaction by modifying the view and model.

Link: <https://sapui5.hana.ondemand.com/#/topic/91f233476f4d1014b6dd926db0e91070>  
(<https://sapui5.hana.ondemand.com/#/topic/91f233476f4d1014b6dd926db0e91070>)

### Question 5

Right

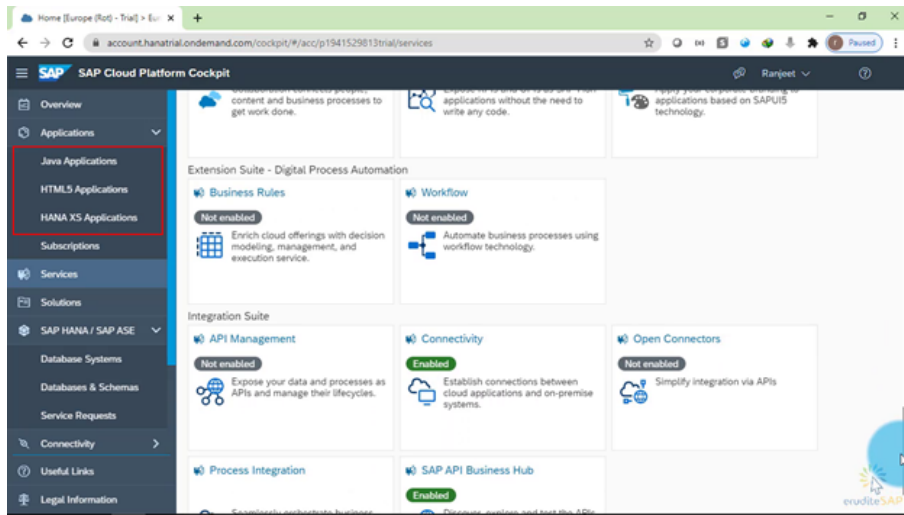
Ques:-

Which application types can you develop and deploy on the SAP HANA Cloud platform? (3 Correct)

1. ☒ HANA XS apps
2. ☐ Objective-C apps
3. ☒ Java apps
4. ☐ ABAP apps
5. ☒ HTML apps

Correct Answer : 1,3,5

Explanation



## Question 6

Right

Ques:-

What are the Lifecycle events of an SAPUI5 view controller? (2 Correct)

1. ☐ onExecution
2. ☐ onEntry
3. ☒ onExit
4. ☒ onBeforeRendering

Correct Answer : 3,4

Explanation

**Lifecycle Hooks**

SAPUI5 provides predefined lifecycle hooks for implementation. You can add event handlers or other functions to the controller and the controller can fire events, for which other controllers or entities can register.

SAPUI5 provides the following lifecycle hooks:

- onInit(): Called when a view is instantiated and its controls (if available) have already been created; used to modify the view before it is displayed to bind event handlers and do other one-time initialization
- onExit(): Called when the view is destroyed; used to free resources and finalize activities
- onAfterRendering(): Called when the view has been rendered and, therefore, its HTML is part of the document; used to do post-rendering manipulations of the HTML. SAPUI5 controls get this hook after being rendered.
- onBeforeRendering(): Invoked before the controller view is re-rendered and **not** before the first rendering; use onInit() for invoking the hook before the first rendering

Link:

<https://sapui5.hana.ondemand.com/1.36.6/docs/guide/121b8e6337d147af9819129e428f1f75.html>  
 (https://sapui5.hana.ondemand.com/1.36.6/docs/guide/121b8e6337d147af9819129e428f1f75.html)

## Question 7

Right

Ques:-

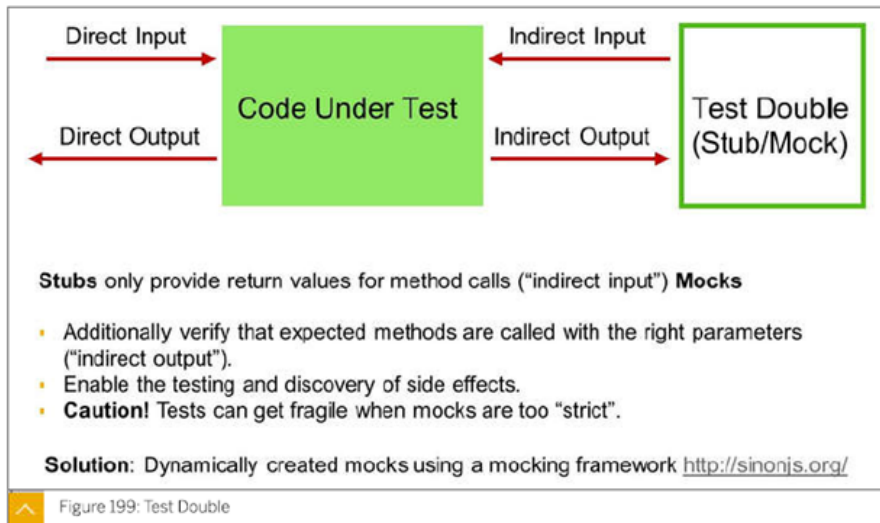
What activity does the QUnit Stub functionality perform?

1. ☒ Returns values for method calls
2. ☐ Supplies parameter for method calls

3. ☐ Verifies that expected methods are called correctly
4. ☐ Provides parameters and return values for method calls

Correct Answer : 1

Explanation



Question 8

Right

Ques:-

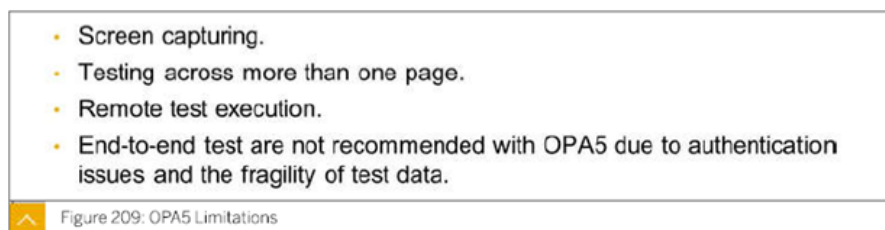
What are the limitations of OPA5 test? (2 Correct)

1. ☐ The developer needs to create the test during development
2. ☐ It never causes a test to fail
3. ☒ Testing across more than one page is NOT possible
4. ☒ End-to-End tests are NOT recommended

Correct Answer : 3,4

Explanation

The following figure shows some of the limitations when using OPA5.



Question 9

Right

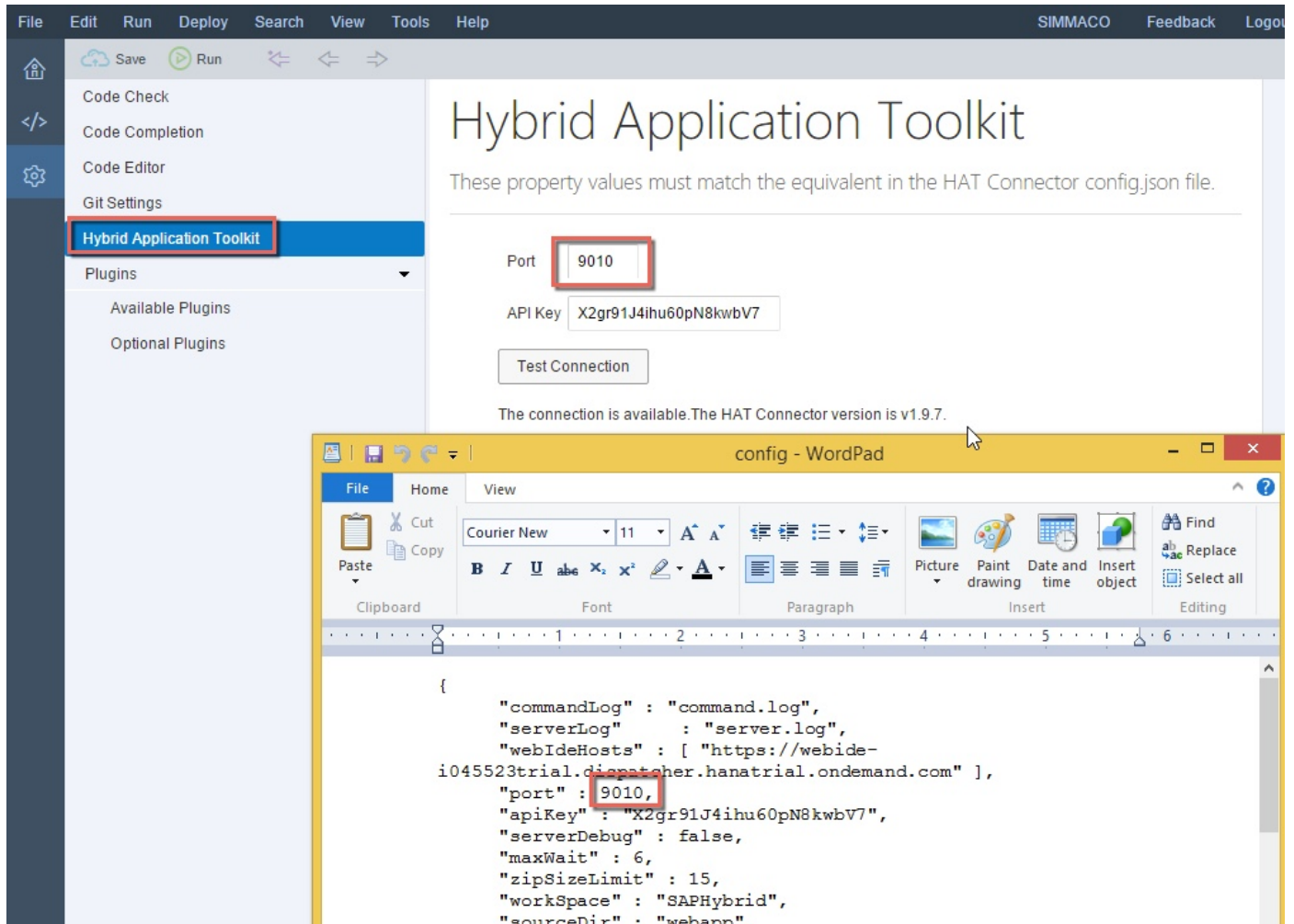
Ques:-

Which file of the SAP HAT Connector stores the WebIDEHosts URL and can be used for troubleshooting?

1. ☐ appConfig.js
2. ☐ Package.json
3. ☐ Assistmsg.json
4. ☒ Config.json

Correct Answer : 4

## Explanation



Link: <https://blogs.sap.com/2015/07/13/how-to-install-hybrid-application-toolkit-hat-on-windows-part-3-of-3/>  
 (https://blogs.sap.com/2015/07/13/how-to-install-hybrid-application-toolkit-hat-on-windows-part-3-of-3/)

## Question 10

Right

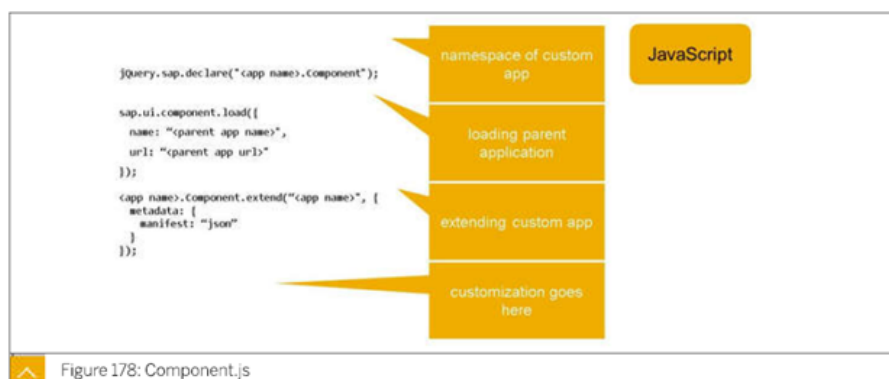
Ques:-

What is the required content of the Component.js file of an extension project? (2 Correct)

1. ☐ The namespace of the parent app
2. ☐ The controller IDs
3. ☒ The customizing section
4. ☒ The link to the parent app

Correct Answer : 3,4

Explanation



## Question 11

Right

Ques:-

What is an Aggregation? (2 Correct)

1. ☒ Is a parent child relationship
2. ☐ A relationship between the text field and its label
3. ☐ Is not a parent/ child relationship
4. ☒ A relationship between two controls

Correct Answer : 1,4

Explanation

Link: <https://sapui5.hana.ondemand.com/1.36.6/docs/guide/91f057786f4d1014b6dd926db0e91070.html>  
(<https://sapui5.hana.ondemand.com/1.36.6/docs/guide/91f057786f4d1014b6dd926db0e91070.html>)

## Question 12

Right

Ques:-

Which activities does the OData Model Editor support? (3 Correct)

1. ☐ Deploy ODataModels
2. ☒ Define Odata models
3. ☒ Edit ODataModels
4. ☒ Test ODataModels

Correct Answer : 2,3,4

## Question 13

Right

Ques:-

What does coherence refer to in the SAP Fiori design principles? (2 Correct)

1. ☐ A description of the technological foundation
2. ☒ The same intuitive experience across the whole enterprise
3. ☒ A consistent interaction and visual design language
4. ☐ The way in which the data is handled internally

Correct Answer : 2,3

Explanation

**Design Principles**

The design philosophy of SAP Fiori is based on five core principles. SAP Fiori user experience is role-based, adaptive, simple, coherent, and delightful.

**ROLE-BASED**

SAP Fiori is designed for your business, your needs, and how you work. It draws from our broad insights on the multifaceted roles of today's workforce. SAP Fiori provides the right information at the right time and reflects the way you actually work.

**DELIGHTFUL**

Apart from making you work smarter, SAP Fiori also enriches your work experience by allowing you to simply do your job.

**COHERENT**

Whether you fulfill a sales order, review your latest KPIs, or manage leave requests – SAP Fiori adheres to a consistent interaction and visual design language. Across the enterprise, you enjoy the same intuitive and consistent experience.

**SIMPLE**

With SAP Fiori, you can complete your job intuitively and quickly. SAP Fiori helps you focus on what is important – essential functions are easy to use and you can personalize the experience to focus on your relevant tasks and activities.

**ADAPTIVE**

SAP Fiori enables you to work how and where you want, regardless of the device you use. And, it provides relevant information that allows for instant insight.

Link: <https://experience.sap.com/fiori-design-web/design-principles/> (<https://experience.sap.com/fiori-design-web/design-principles/>)

Question 14

Right

Ques:-

In the Git source code management system, what is executed initially to create the local Git repository in SAP Web IDE?

1. ☐ Fetch
2. ☐ Push
3. ☒ Clone
4. ☐ Pull

Correct Answer : 3

Explanation

**1. Import an existing directory into GIT.**

- a) Create / Switch to the project directory (cd /yourprojectdirectory)
- b) Initialize the Repository (git init)
- c) Stage all files (git add -A)
- d) Commit staged files (git commit -m 'Message')

**2. Clone an existing GIT repository from a server.**

- a) Create / Switch to the project directory (cd /yourprojectdirectory)
- b) Clone the directory (git clone https://github.com/SAP/hana-shine)

 Figure 321: GIT Repositories – Getting Started

Question 15

Right

Ques:-

What is a prerequisite for configuring the SAP Fiori HAT Connector?

1. ☒ Create an SAP HANA Cloud Platform (HCP) Web IDE account
2. ☐ Create a local Cordova project



- 3. ☐ Generate a service certificate
- 4. ☐ Set the path for custom plug-ins

**Correct Answer : 1**

Explanation

Link: <https://blogs.sap.com/2015/08/25/how-to-use-hat-hybrid-application-toolkit-and-test-the-apps/>  
(<https://blogs.sap.com/2015/08/25/how-to-use-hat-hybrid-application-toolkit-and-test-the-apps/>)

Question 16

Right

Ques:-

Where are the themes saved for the SAP Fiori launchpad?

- 1. ☐ In the UI theme designer tool
- 2. ☐ In the theme data center
- 3. ☒ In the theme repository
- 4. ☐ In the bootstrap

**Correct Answer : 3**

Explanation

- **Transaction UI5/THEME\_DESIGNER:** This transaction is used to create, edit, copy, delete, or rebuild/upgrade a theme.
- **Transaction UI5/THEME\_TOOL:** This transaction is used for deleting, exporting, importing, transporting, and to analyze theme content.
- **Transaction UI Theme Repository:** This tool is used for exporting or importing single files, or it's used to analyze theme content.

Link: <https://blogs.sap.com/2017/01/24/customizing-sap-fiori-launchpad-using-the-ui-theme-designer/>  
(<https://blogs.sap.com/2017/01/24/customizing-sap-fiori-launchpad-using-the-ui-theme-designer/>)

Question 17

Right

Ques:-

What are the basic guidelines of the Extension Point concept of SAPUI5? (2 Correct)

- 1. ☒ The custom app is located in a separate project
- 2. ☒ The custom app and the parent app contain a component.js file
- 3. ☐ The parent app contains all modifications
- 4. ☐ The custom app remains modification free

**Correct Answer : 1,2**

Explanation

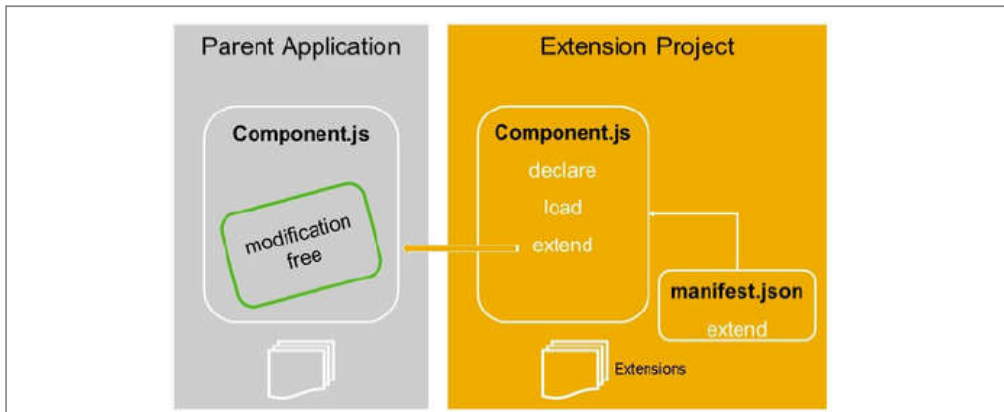


Figure 177: UI Extension Project

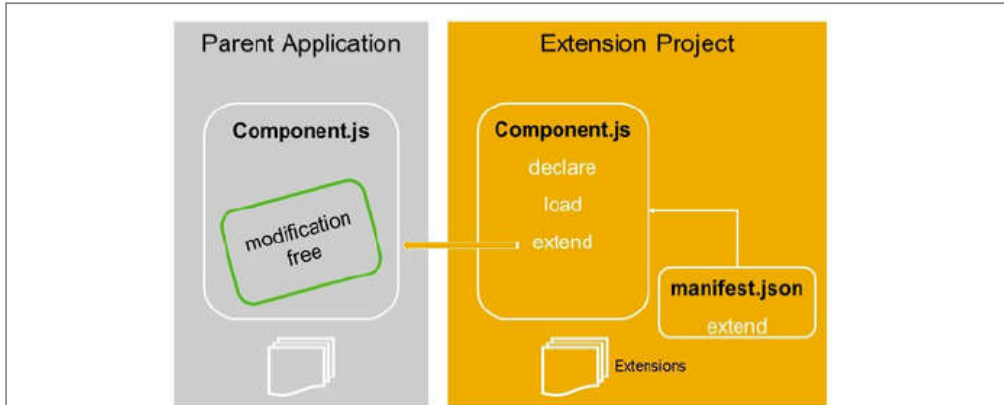


Figure 177: UI Extension Project

#### Question 18

Right

Ques:-

To perform a QUnit test, what do you include in a test page under your webapp folder?

1. ☐ Stub code
2. ☐ Mock code
3. ☐ OPA function
4. ☒ SAPUI5 bootstrap code

Correct Answer : 4

Explanation

The next two figures show the content of an example test page.

```

1 <html>
2 <head>
3   <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
4   <base href="..." />
5   <script id="sap-ui-bootstrap"
6     src="../../resources/sap-ui-core.js"
7     data-sap-ui-libs="sap.m"
8     data-sap-ui-theme="sap_bluecrystal"
9     data-sap-ui-compatVersion="edge"
10    data-sap-ui-resourceRoots='["sap.training.qunittest": ""]'
11    data-sap-ui-noConflict="true"
12  >
13  </script>
14  <link rel="stylesheet" href="resources/sap/ui/thirdparty/qunit.css" type="text/css" media="screen"/>
15  <script type="text/javascript" src="resources/sap/ui/thirdparty/qunit.js"></script>
16  <script type="text/javascript" src="resources/sap/ui/qunit/qunit-junit.js"></script>
17  <script type="text/javascript" src="resources/sap/ui/qunit/UnitUtils.js"></script>
18  <script src="/webapp/util/prettydate.js"></script>

```

Figure 202: Test Page Example (1 of 2)

## Question 19

Right

Ques:-

Which elements are part of the UX? (2 Correct)

1. ☒ User interaction
2. ☐ User effectiveness
3. ☒ User emotion
4. ☐ User response

**Correct Answer : 1,3**

Explanation

**User Experience Design** Here are the elements of UX design: \_**Visual design** This element not only focuses on making aesthetically pleasing screens but also on removing distractions and letting the user focus on his tasks, communicat-ing a brand identity, consistent use of color contrasts and typography, and so on. \_**Information architecture** This deals with how to organize and structure the content and provide naviga-tion structures so users can use the application efficiently.**Interaction Design** This element determines how the application behaves when user interaction occurs. It also involves how to arrange the interface components to facilitate intuitive navigation. \_**Usability** Usability refers to how easy your application is to use and includes learnability, memorability, efficiency, and user satisfaction. \_**Accessibility** This element defines whether the application is accessible to people with a wide range of hearing, vision, and mental abilities. \_**Human-computer interaction** This element focuses on interaction between humans and computers and ways to optimize it.

## Question 20

Right

Ques:-

Which information is included in the SAPUI5 app's manifest.json file? (3 Correct)

1. ☒ Referenced data sources
2. ☒ SAPUI5 dependencies
3. ☐ Client side data-models
4. ☐ Localization keys
5. ☒ App ID, Name and Version

**Correct Answer : 1,2,5**

Explanation

The data is stored in json format in the manifest.json file. The developer creates the file with attributes in different namespaces. It contains, for example, the app ID, the version, the data sources used, along with the required components and libraries. The existence of the manifest.json file must be declared in the component metadata, which is then delivered as part of the application archive. After delivery, the file is read-only.

Link: <https://help.sap.com/viewer/468a97775123488ab3345a0c48cadd8f/7.51.6/en-US/be0cf40f61184b358b5faedaec98b2da.html>  
(<https://help.sap.com/viewer/468a97775123488ab3345a0c48cadd8f/7.51.6/en-US/be0cf40f61184b358b5faedaec98b2da.html>)

## Question 21

Right

Ques:-

What do you configure to import the BUILD prototype in the SAP Web IDE for development?

1. ☐ The connection in the SAP HANA Cloud Connector
2. ☐ The API key in the SAP Web IDE plugin
3. ☒ The destination in the SAP HANA Cloud Platform
4. ☐ The connection in the SAP HANA Cloud Integration

**Correct Answer : 3**

Explanation

The procedure below details the steps to be taken when working with SAP Web IDE Multicloud. For SAP Web IDE standard, please refer to the SAP Build documentation.

Configure Destinations in SAP Cloud Platform and SAP Web IDE:

If you are using a licensed version of SAP Build you can skip this section. All destinations were created automatically when the SAP Build service was enabled for your company SAP CP account. If you are a freemium user, you need to do some configuration steps in SAP CP for SAP Build and WebIDE to be able to communicate effectively

Link: [https://www.build.me/splash/sites/default/files/Prototyping\\_with\\_BUILD\\_2.pdf](https://www.build.me/splash/sites/default/files/Prototyping_with_BUILD_2.pdf)  
([https://www.build.me/splash/sites/default/files/Prototyping\\_with\\_BUILD\\_2.pdf](https://www.build.me/splash/sites/default/files/Prototyping_with_BUILD_2.pdf))

Question 22

Right

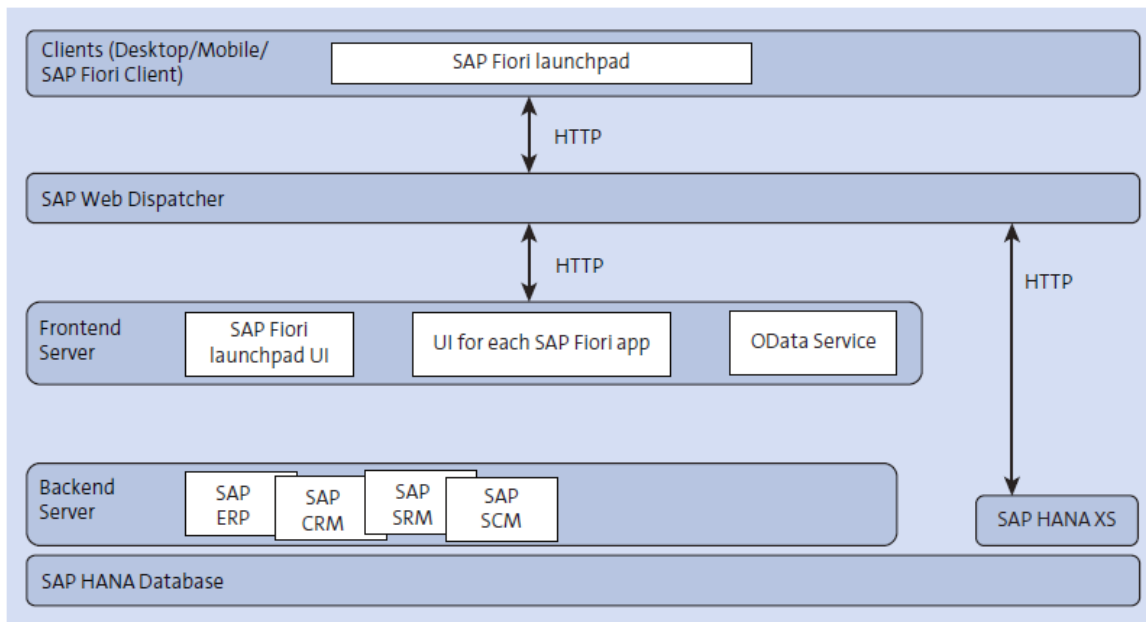
Ques:-

Which SAP Fiori app types require the SAP HANA database? (2 Correct)

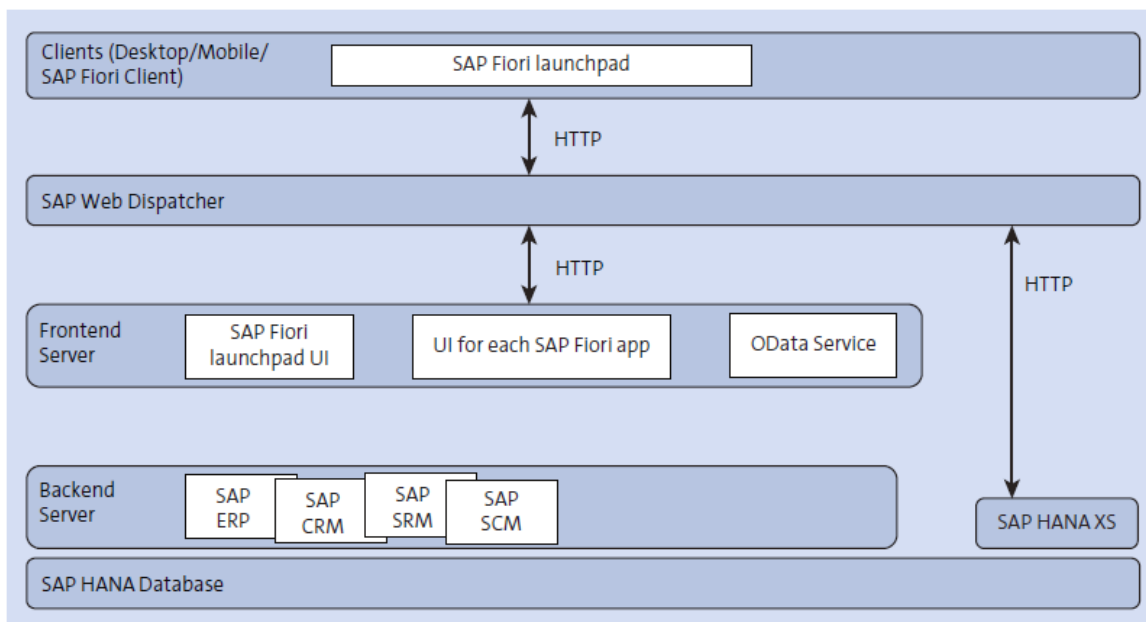
1. ☒ Analytical
2. ☐ Transactional
3. ☐ Legacy
4. ☒ Factsheet

**Correct Answer : 1,4**

Explanation



**Figure 2.4** Architecture of an SAP Fiori Analytical App



**Figure 2.4** Architecture of an SAP Fiori Analytical App

#### Question 23

Right

Ques:-

What are the advantages of the Sinon.JS framework? (2 Correct)

1. ☒ It supplies higher level test doubles for timers and AJAX requests
2. ☐ It enables test-driven development
3. ☒ It provides support for Spies, stubs and mocks
4. ☐ It can be used with any JavaScript unit test framework

**Correct Answer : 1,3**

Explanation

`sinon.js` is a mocking framework for JavaScript that has the following features:

- Provides support for spies, stubs and mocks.
- Supplies higher-level test doubles for timers and AJAX requests.
- Is included in the SAP UI5 libraries.

## Question 24

Right

Ques:-

Which properties do you need to configure when you use the Mock server? (2 Correct)

1. ☒ Service Url
2. ☒ Module path
3. ☐ Destination
4. ☐ Binding type

Correct Answer : 1,2

Explanation

**webapp/localService/mockserver.js (New)**

```
sap.ui.define([
    "sap/ui/core/util/MockServer"
], function (MockServer) {
    "use strict";
    return {
        init: function () {
            // create
            var oMockServer = new MockServer({
                rootUri: "/destinations/northwind/V2/Northwind/Northwind.svc/"
            });
            var oUriParameters = jQuery.sap.getUriParameters();
            // configure
            MockServer.config({
                autoRespond: true,
                autoRespondAfter: oUriParameters.get("serverDelay") || 1000
            });
            // simulate
            var sPath = jQuery.sap.getModulePath("sap.ui.demo.wt.localService");
            oMockServer.simulate(sPath + "/metadata.xml", sPath + "/mockdata");
            // start
            oMockServer.start();
        }
    };
});
```

Link: <https://sapui5.hana.ondemand.com/1.36.6/docs/guide/bae9d90d2e9c4206889368f04edab508.html>  
(<https://sapui5.hana.ondemand.com/1.36.6/docs/guide/bae9d90d2e9c4206889368f04edab508.html>)

## Question 25

Right

Ques:-

To generate SAPUI5 coding that is based on prototypes, which tool do you use?

1. ☐ SPLASH
2. ☒ SAP WEB IDE
3. ☐ SAP BUILD
4. ☐ UI Theme Designer

Correct Answer : 2

Explanation

Link: <https://blogs.sap.com/2016/09/30/howto-import-build-prototype-into-web-ide/> (<https://blogs.sap.com/2016/09/30/howto-import-build-prototype-into-web-ide/>)

## Question 26

Right

Ques:-

Which of the following sequences is the correct sequence for the Problem Space phase in a Design Thinking workshop?

1. ☐ Scoping, 360° Research, Ideation
2. ☐ 360° Research, Scoping, Synthesis
3. ☒ Scoping, 360° Research, Synthesis
4. ☐ Scoping, Synthesis, Ideation

**Correct Answer : 3**

Explanation

Link: <https://experience.sap.com/skillup/introduction-to-design-thinking/> (<https://experience.sap.com/skillup/introduction-to-design-thinking/>)

## Question 27

Right

Ques:-

For which operations will the SAP Gateway server compute and return a new ETag in a response header? (2 Correct)

1. ☒ PUT
2. ☒ POST
3. ☐ GET
4. ☐ DELETE

**Correct Answer : 1,2**

Explanation

A few special considerations apply for ETags:

- When retrieving an entry, the system returns an opaque ETag value.
- When getting several entries in a feed, the ETag value is included as metadata in the entry itself.
- When retrieving a single entry, the ETag is returned as a response header called ETag as defined by HTTP. The server can choose to also include it in the body as they would do for feeds for consistency.
- During processing of POST, PUT, and MERGE the system should compute a new ETag and return it in a response header, regardless of whether the response has a body with the actual entry information.
- When issuing a PUT, MERGE or DELETE request, clients need to indicate an ETag in the If-Match HTTP request header. If it is acceptable for a given client to overwrite any version of the entry in the server, then the value "\*" may be used instead. If a given entry has an ETag and a client attempts to modify or delete the entry without an If-Match header servers should fail the request with a 412 response code.

Link: <https://help.sap.com/viewer/68bf513362174d54b58cddec28794093/7.51.6/en-US/6ea0e62beca343fca78ded10f2937658.html> (<https://help.sap.com/viewer/68bf513362174d54b58cddec28794093/7.51.6/en-US/6ea0e62beca343fca78ded10f2937658.html>)

## Question 28

Right

Ques:-

What is the purpose of the Logon Plugin Data Vault of the SAP Fiori Client?

1. ☐ Allow a client policy that can be defined on the mobility platform
2. ☐ Prevent the access to all nonessential plugins
3. ☒ Provide a reusable component for storing sensitive information on the device
4. ☐ Enable secure and seamless handling of attachments

**Correct Answer : 3**

**Explanation**

The Data Vault is the reusable component for storing sensitive data securely on-device. Each instance of the Data Vault is protected with an application passcode.

The Logon Plugin uses MAF Logon Core for registration. MAF Logon Core requires credentials and configuration to execute the registration process. After successful registration, the Logon Core stores the credentials and configuration in its private Data Vault.

Link: <https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/dfbc484d5b58438cb6030f2d84ac8a90.html>  
(<https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/dfbc484d5b58438cb6030f2d84ac8a90.html>)

Question 29

Right

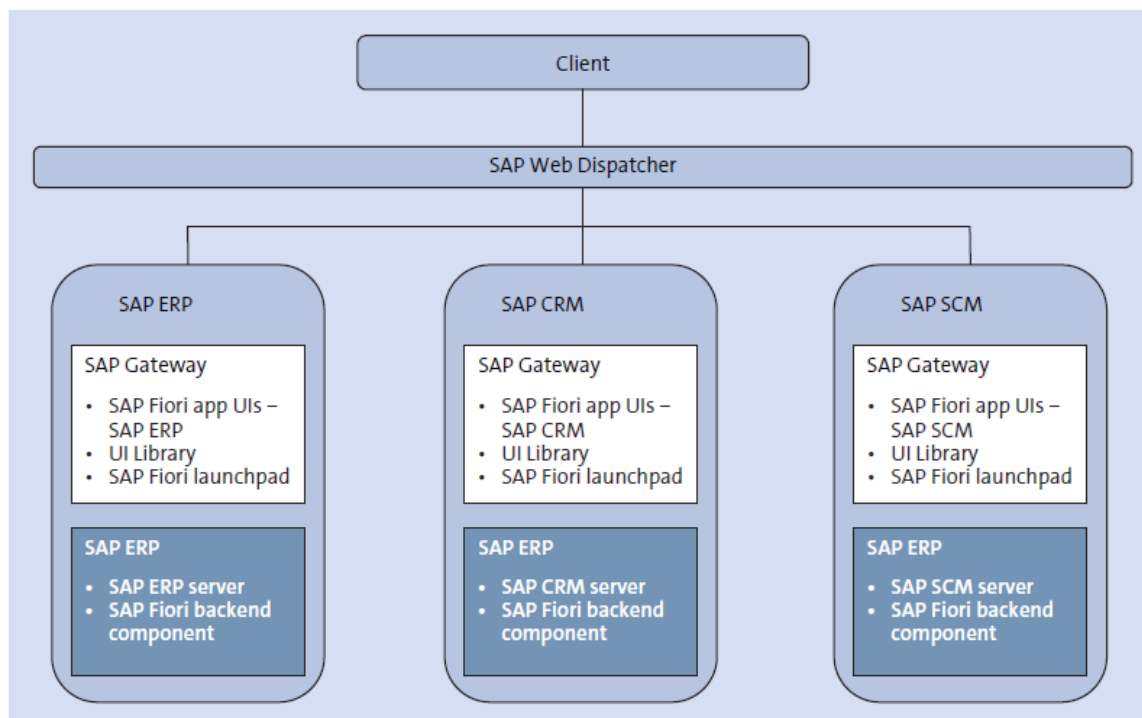
Ques:-

Which deployment options do you have for SAP Fiori UIs and OData Services regarding the software components? (2 Correct)

1. ☐ One deployment package on a different system from the business system
2. ☒ One deployment package on the same system as the business system
3. ☒ Two different deployment packages on a different from the business packages
4. ☐ Two different deployment packages on the same system as the business system

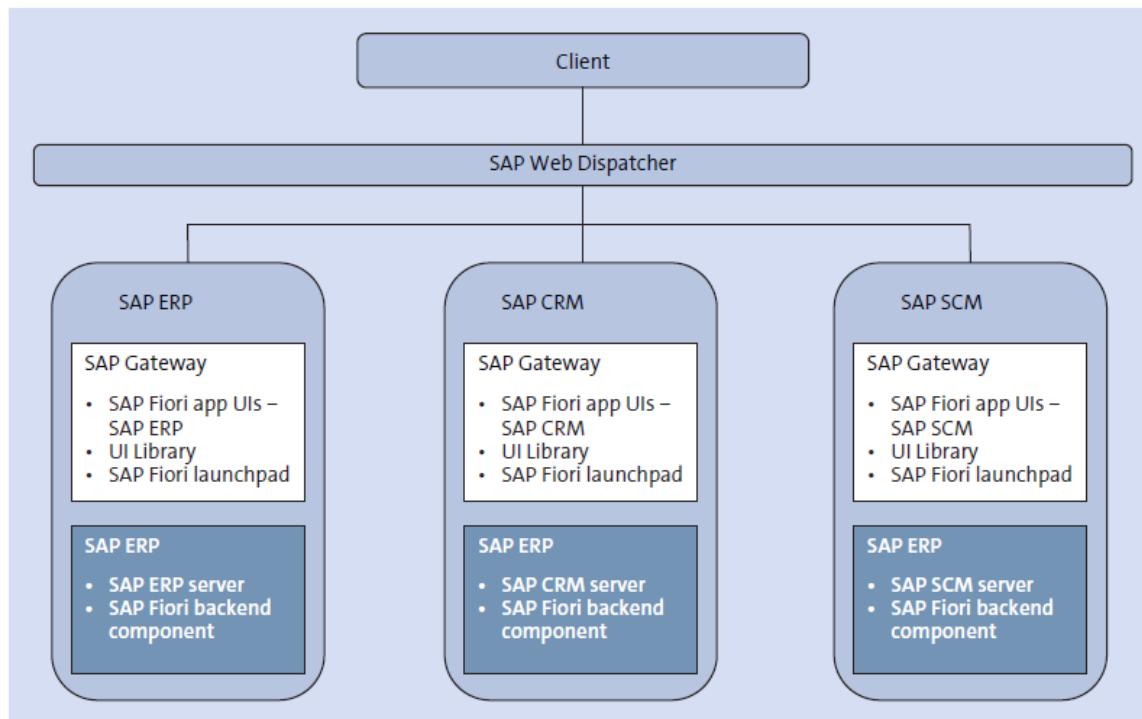
**Correct Answer : 2,3**

**Explanation**



**Figure 2.11** SAP Gateway: Embedded Deployment Option





**Figure 2.11** SAP Gateway: Embedded Deployment Option

#### Question 30

Right

Ques:-

What can your customer use a custom SAP Fiori client for? (3 Correct)

1. ☒ To apply custom branding
2. ☐ To build the SAP Fiori Client with a customized communication protocol
3. ☒ To create non-Cordova hybrid application containers
4. ☐ To wrap the application with SAP Mobile Secure
5. ☒ To add additional plugins to the application

**Correct Answer : 1,3,5**

Explanation

Link: <https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/d9373d16ccee4277ba047d130ee9f0de.html>  
(<https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/d9373d16ccee4277ba047d130ee9f0de.html>)

#### Question 31

Right

Ques:-

Which file is referred to as the App Descriptor and what is its function?

1. ☐ The neo.json file is referred to as App Descriptor Its function is to capture data from objects
2. ☐ The config.json file is referred to as App Descriptor Its function is to configure ports and turn on plug-ins
3. ☐ The configure.xml file is referred to as App Descriptor Its function is to configure web apps and turn on plug-ins
4. ☒ The manifest.json file is referred to as App Descriptor Its function is to instantiate the model

**Correct Answer : 4**

Explanation

The descriptor for applications, components, and libraries is inspired by the Web Application Manifest concept introduced by the W3C. The descriptor provides a central, machine-readable and easy-to-access location for storing metadata associated with an application, an application component, or a library.

The data is stored in json format in the manifest.json file. The developer creates the file with attributes in different namespaces. It contains, for example, the app ID, the version, the data sources used, along with the required components and libraries. The existence of the manifest.json file must be declared in the component metadata, which is then delivered as part of the application archive. After delivery, the file is read-only.

Link: <https://help.sap.com/viewer/468a97775123488ab3345a0c48cadd8f/7.51.6/en-US/be0cf40f61184b358b5faedaec98b2da.html>  
(<https://help.sap.com/viewer/468a97775123488ab3345a0c48cadd8f/7.51.6/en-US/be0cf40f61184b358b5faedaec98b2da.html>)

## Question 32

Right

Ques:-

Which properties are part of the design phase when you develop SAP Fiori apps?

1. ☐ Requirement gathering, Research and Documentation
2. ☐ Scoping, 360 degree research and Synthesis
3. ☒ Ideation, Prototyping and Validation
4. ☐ Developing, Testing and Deploying

**Correct Answer : 3**

Explanation

Link: <https://experience.sap.com/fiori-design-web/design-led-development-process-external/> (<https://experience.sap.com/fiori-design-web/design-led-development-process-external/>)

## Question 33

Right

Ques:-

How can you extend an SAP Fiori app? (3 Correct)

1. ☒ Modify the properties of the view control
2. ☒ Enable merging of the standard and the custom controller at runtime
3. ☐ Modify the data model to merge data at runtime
4. ☒ Add customer view content in a predefined extension point
5. ☐ Modify the runtime libraries that are to be loaded

**Correct Answer : 1,2,4**

Explanation

Link: <https://help.sap.com/viewer/584e0bcbfd4a4aff91c815cefa0bce2d/Cloud/en-US/ada9567b767941aba8d49fdb4fdedea7.html>  
(<https://help.sap.com/viewer/584e0bcbfd4a4aff91c815cefa0bce2d/Cloud/en-US/ada9567b767941aba8d49fdb4fdedea7.html>)

<https://blogs.sap.com/2019/11/10/standard-fiori-app-extension-hide-element-extend-controller/>  
(<https://blogs.sap.com/2019/11/10/standard-fiori-app-extension-hide-element-extend-controller/>)

## Question 34

Right

Ques:-

Which of the following components are part of the SAP Web IDE, hybrid app toolkit add-on?

1. ☐ Hybrid App Project Templates, Device Configuration, Hybrid App Toolkit Connector
2. ☐ Hybrid Companion App, Config.json, Package.json, SAP Web IDE Plugin
3. ☐ Kapsel Plugins, SAP Web IDE Plugin, Hybrid App Toolkit Connector
4. ☒ SAP Web IDE Plugin, Hybrid Companion App, Hybrid App Toolkit Connector

**Correct Answer : 4**

Explanation

link: <https://blogs.sap.com/2017/12/18/end-of-maintenance-for-hybrid-app-toolkit-local-add-on/>  
(<https://blogs.sap.com/2017/12/18/end-of-maintenance-for-hybrid-app-toolkit-local-add-on/>)

Question 35

Right

Ques:-

Your customer wants to extend an SAP Fiori app through a Controller Extension. When can a controller extension lead to a crash? (2 Correct)

1. ☒ If the original code required to run the application is overwritten.
2. ☐ If the extension code exists and is NOT referenced in the original view.
3. ☒ If the extension code accesses parts of the original application that were removed.
4. ☐ If the extension code exists in the extended app but the controller name is changed by an app update.

**Correct Answer : 1,3**

Explanation

#### Controller Extensions Caveats

- If the extension code accesses parts of the original application which are changed, for example, removed, have a different type, or a different ID, controller extensions can cause a crash.
- If the extension code makes assumptions about the application which are no longer valid after an update, controller extensions can lead to a crash.
- If original code is overwritten which is required for the application to run properly, controller extensions can lead to a crash.
- If the controller name is changed, controller extensions are no longer applied

Question 36

Right

Ques:-

Which methods can you use to bind data to the controls in SAPUI5? (3 Correct)

1. ☒ Aggregation
2. ☐ Structure
3. ☐ Combination
4. ☒ Property
5. ☒ Element

**Correct Answer : 1,4,5**

Explanation

## Binding Types

SAPUI5 supports three different binding types: Property binding, aggregation binding, and element binding.

The binding types are introduced in the following sections.

In this section:

**Property Binding** (<https://sapui5.hana.ondemand.com/1.28.33/docs/guide/91f0652b6f4d1014b6dd926db0e91070.html>)

Property binding allows properties of the control to get automatically initialized and updated from model data.

**Aggregation Binding** (<https://sapui5.hana.ondemand.com/1.28.33/docs/guide/91f057786f4d1014b6dd926db0e91070.html>)

Aggregation binding is used to automatically create child controls according to model data.

**Element Binding** (<https://sapui5.hana.ondemand.com/1.28.33/docs/guide/91f05e8b6f4d1014b6dd926db0e91070.html>)

Element binding allows to bind elements to a specific object in the model data, which will create a binding context and allow relative binding within the control and all of its children. This is especially helpful in master/detail scenarios.

Question 37

Right

Ques:-

For which app type in SAP Fiori do you install the KPI framework?

1. ☐ Factsheet app
2. ☒ Analytical app
3. ☐ Legacy app
4. ☐ Transactional app

Correct Answer : 2

Explanation

Link: <https://help.sap.com/viewer/a630d57fc5004c6383e7a81efee7a8bb/2011.500/en-US/c00cbf7fe8464663aee830fb6e7eec13.html>  
(<https://help.sap.com/viewer/a630d57fc5004c6383e7a81efee7a8bb/2011.500/en-US/c00cbf7fe8464663aee830fb6e7eec13.html>)

Question 38

Right

Ques:-

Which dependent plugin must you enable to include the Push plugin when you create a hybrid mobile app?

1. ☐ Network Connection
2. ☐ App Update
3. ☒ Dialog Notification
4. ☐ Logon Manager

Correct Answer : 3

Explanation

Link: <https://dzone.com/articles/adding-native-touches-your> (<https://dzone.com/articles/adding-native-touches-your>)

Question 39

Right

Ques:-

Which model type in SAPUI5 does NOT support one-way and two-way binding from model to view?

1. ☐ XML model

- 2. ☐ JSON model
- 3. ☒ Resource model
- 4. ☐ OData model

**Correct Answer : 3**

Explanation

link: <https://sapui5.hana.ondemand.com/docs/topics/91f122a36f4d1014b6dd926db0e91070.html>  
(<https://sapui5.hana.ondemand.com/docs/topics/91f122a36f4d1014b6dd926db0e91070.html>)

Question 40

Right

Ques:-

Which features of the SAP Web IDE help you extend a standard SAP Fiori app? (2 Correct)

- 1. ☒ The Extensibility Pane to extend the control
- 2. ☐ An editor to modify the data model in the extended project
- 3. ☒ A wizard to generate the files for each extension possibility
- 4. ☐ The Descriptor Editor to choose elements for extension

**Correct Answer : 1,3**

Explanation

link: <https://blogs.sap.com/2019/12/31/customizing-standard-fiori-applications-in-webide/>  
(<https://blogs.sap.com/2019/12/31/customizing-standard-fiori-applications-in-webide/>)

<https://blogs.sap.com/2015/03/03/extend-a-fiori-application-with-sap-web-ide-part-1/> (<https://blogs.sap.com/2015/03/03/extend-a-fiori-application-with-sap-web-ide-part-1/>)

Question 41

Right

Ques:-

When do you select the custom plugins to build and package a hybrid app using the SAP HAT?

- 1. ☒ During the Configure Path for Custom Plugins step of installing the SAP HAT
- 2. ☐ While creating a new project using the Hybrid Mobile Enablement feature
- 3. ☐ During the Build the Hybrid Companion App step of installing the SAP HAT

**Correct Answer : 1**

Explanation

link: <https://blogs.sap.com/2015/08/25/how-to-use-hat-hybrid-application-toolkit-and-test-the-apps/>  
(<https://blogs.sap.com/2015/08/25/how-to-use-hat-hybrid-application-toolkit-and-test-the-apps/>)

<https://blogs.sap.com/2020/06/27/how-to-migrate-your-hybrid-mobile-hat-project-out-of-sap-web-ide-full-stack/>  
(<https://blogs.sap.com/2020/06/27/how-to-migrate-your-hybrid-mobile-hat-project-out-of-sap-web-ide-full-stack/>)

Question 42

Right

Ques:-

What result do you expect from the de-composition and re-composition phases? (3 Correct)

- 1. ☐ An adaptive and coherent app

2. ☒ The prevention of irrelevant data being shown to the user
3. ☒ A purpose-built app to support personas
4. ☒ The break-down of a large transaction
5. ☐ A responsive de-composed design

**Correct Answer : 2,3,4**

Explanation

**Recomposition** While designing an SAP Fiori app, the system is rarely a consideration; rather, the user is at the center point. As we saw in the Design Thinking of UX design, the process starts with the discovery phase, where end-user feedback is given the utmost priority. Using an SAP Fiori app, you can build functionality by combining the capability of multiple GUI transactions. This increases user productivity significantly by reducing the navigation that users need to go through and simplifying screen interactions.

**Decomposition** A generic transaction code used by multiple roles can be broken into multiple apps for each role, which is called the decomposition process. Most transactions in SAP have too many buttons and menu options that provide a lot of functionality not directly related to the business transaction at hand. Transaction screens aren't specific to a role; that is, many users with different roles use the same transaction code. Some buttons are set up to display an error if the user clicking the button isn't authorized based on his role. Too many functions and options are confusing and make it difficult for users to focus on the task. This complexity is a hindrance that creates a steep learning curve for new users to become productive. SAP Fiori is role based, so it aims to keep the apps simple by giving only the required screen elements for the user to perform his tasks based on the user's business and needs, thus allowing the user to maintain focus and be efficient.

Question 43

Right

Ques:-

In a typical SAP Fiori landscape, which server instance stores the SAP Fiori SAPUI5 application code for a transactional app?

1. ☐ SAP Back-End Server (BES)
2. ☐ SAP Web Dispatcher
3. ☐ SAP HANA XS Engine
4. ☒ SAP Front-End Server (FES)

**Correct Answer : 4**

Explanation

**Frontend Server** This is the SAP Gateway server that hosts the OData service, which is required for the SAP Fiori apps to communicate with the business data. In addition, the front-end server hosts the SAP Fiori launchpad as well as all of the SAP Fiori apps as Business Server Pages (BSP) applications.

Question 44

Right

Ques:-

Which of the following activities allow you to store your changes in a local Git repository?

1. ☒ Commit
2. ☐ Push
3. ☐ Clone
4. ☐ Save

**Correct Answer : 1**

Explanation

Link: <https://www.git-tower.com/learn/git/commands/git-commit/> (<https://www.git-tower.com/learn/git/commands/git-commit/>)

## Question 45

Wrong

Ques:-

In the design thinking phase of your customer project, one design is accepted as viable. What other attributes need to be valid for this design to be considered? (2 Correct)

1. ☐ Usable
2. ☒ Achievable
3. ☒ Feasible
4. ☐ Desirable

Correct Answer : 3,4

Explanation

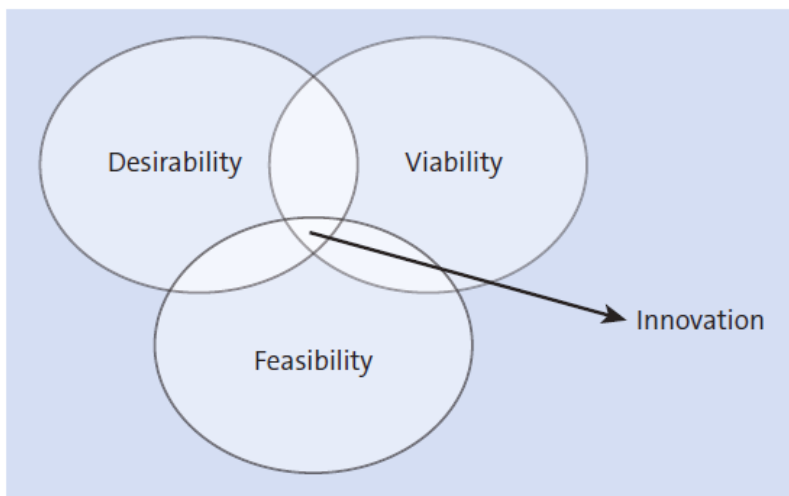


Figure 1.5 Innovation Intersection

## Question 46

Right

Ques:-

Which of the following pattern sequences are the QUnit tests based on?

1. ☐ Given, When, and Then
2. ☐ Assert, Act, and Arrange
3. ☐ Given, Then, and When
4. ☒ Arrange, Act, and Assert

Correct Answer : 4

Explanation

**QUnit Test Example**

QUnit uses a set of top-level functions to provide semantic meaning in unit tests.

Just like most of unit test frameworks, it follows an arrange-act-assert pattern, a common test pattern employed when unit testing. Its purpose is to make a clear distinction between the set up for the test, the action that is to be tested, and the evaluation of the results.

## Question 47

Right

Ques:-

When SAP Web IDE deploys an SAPUI5 app to the ABAP server, which type of app is it deployed as?

1. ☒ BSP
2. ☐ HTML5
3. ☐ ABAP
4. ☐ OpenUI5

Correct Answer : 1

Explanation

The SAPUI5 ABAP repository is part of the SAPUI5 ABAP back-end infrastructure and is the umbrella term for the single SAPUI5 repository of each application. Technically, this infrastructure is based on the Business Server Page (BSP) repository and each SAPUI5 repository is represented by an individual BSP application.

Link: <https://sapui5.hana.ondemand.com/#/topic/91f346786f4d1014b6dd926db0e91070>  
(<https://sapui5.hana.ondemand.com/#/topic/91f346786f4d1014b6dd926db0e91070>)

Question 48

Right

Ques:-

In the code on the screenshot, what is the absolute path of the property to retrieve the City value for the company Acme Inc?

```
1  var data = {
2      regions: [
3          {
4              name: "Americas",
5              companies : [
6                  {
7                      name : "Acme Inc.",
8                      city: "Belmont"
9                  },
10                 {
11                     name : "Beam Hdg.",
12                     city: "Hancock"
13                 }
14             ]
15         }
16     ]
17 };
18
19 var oModel = new sap.ui.model.json.JSONModel();
20 oModel.setData(data);
21 oModel.getProperty("<Absolute Path>")
```

1. ☒ /regions/0/companies/0/city
2. ☐ /regions/companies/1/city
3. ☐ /regions/1/companies/1/city

Correct Answer : 1

Question 49

Right

Ques:-

In the data in the screenshot, you need to display the List of Companies in the Americas region. Which binding option do you use for the value X?



```
1  var data = {
2      regions: [
3          {
4              name: "Americas",
5              companies : [
6                  {
7                      name : "Acme Inc.",
8                      city: "Belmont"
9                  },
10                 {
11                     name : "Beam Hdg.",
12                     city: "Hancock"
13                 }
14             ]
15         }
16     ];
17
18
19 var oModel = new sap.ui.model.json.JSONModel();
20 oModel.setData(data);
21 oModel.getProperty("<Absolute Path>")
```

1. ☐ X: /region/0/1/companies
2. ☒ X: /region/0/companies
3. ☐ X: /region/companies

Correct Answer : 2

#### Question 50

Right

Ques:-

In the screenshot, which element of the Arrange-Act-Assert pattern corresponds to the Act in a QUnit test?

```
QUnit.module("addition",{
    beforeEach: function(){
        this.oViewController = new ViewController();
    },
    teardown:function(){
        this.oViewController.destroy();
    }
});

QUnit.test("press Test", function(pressTest) {
    this.calculator.press("1");
});
```

1. ☐ QUnit.test
2. ☒ this.calculator.press("1")
3. ☐ teardown : function() {}
4. ☐ QUnit.module

Correct Answer : 2



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