Certification Questions

C_FIORD_2404

SAP Fiori Application Developer Exam
Questions

Total Questions - 290

Question: 1

What is the purpose of the SAP HANA Cloud connector?

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

Correct Answer: 3

Explaination:
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

Question: 2

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

Explaination:
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/2018/11/20/lets-build-an-offline-hybrid-ui5-application-from-scratch-part-1/
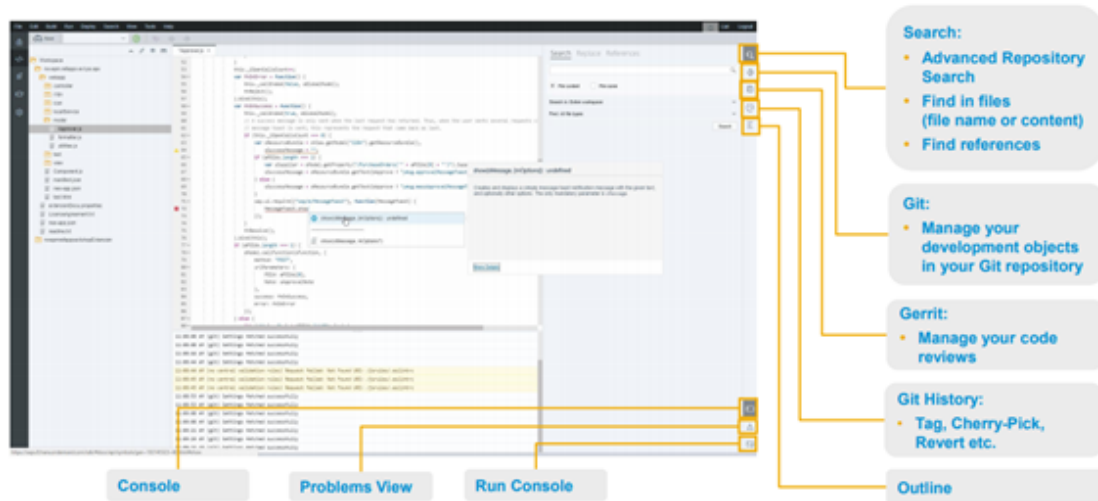
Question: 3

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

Explaination:

Development Perspective Overview – Continued

Question: 4

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

1.) Model
2.) Component
3.) Controller
4.) View

<div align="right">

Correct Answer: 1

</div>

Explaination:
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:
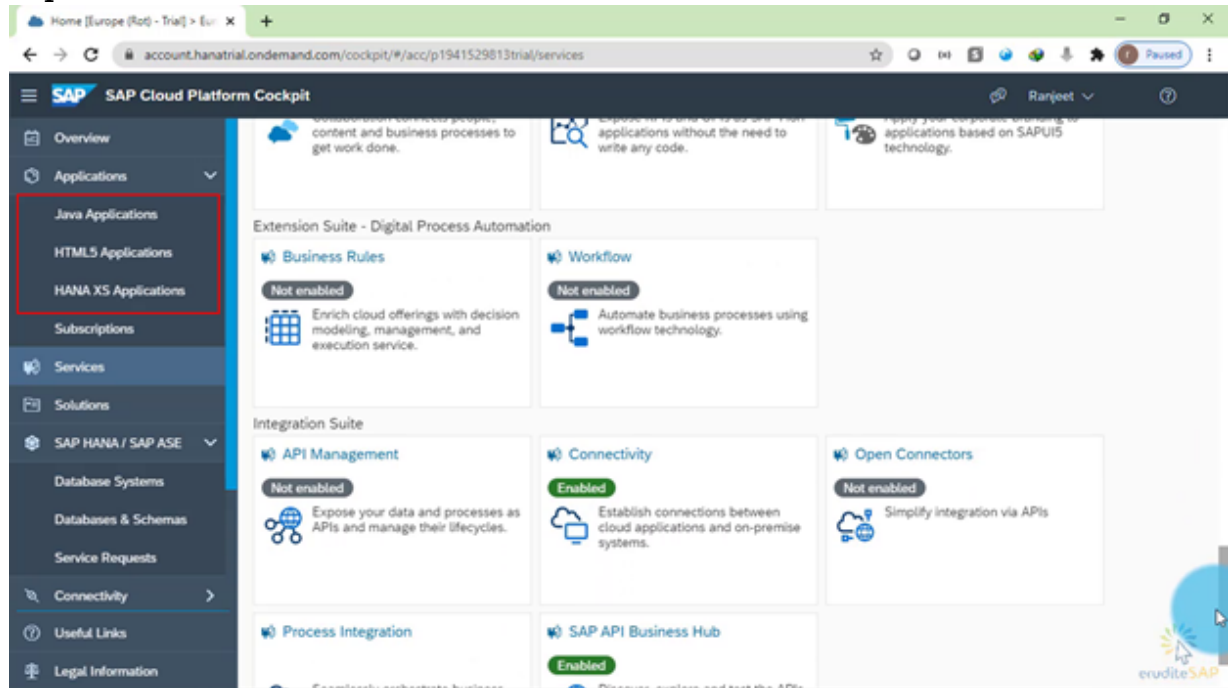**https://sapui5.hana.ondemand.com/#/topic/91f233476f4d1014b6dd926db0e91070**

Question: 5

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

Explaination:

Question: 6

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

1.) onExecution
2.) onEntry
3.) onExit
4.) onBeforeRendering

Correct Answer: 3,4

Explaination:
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

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Question: 7

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

Explaination:

Figure 199: Test Double
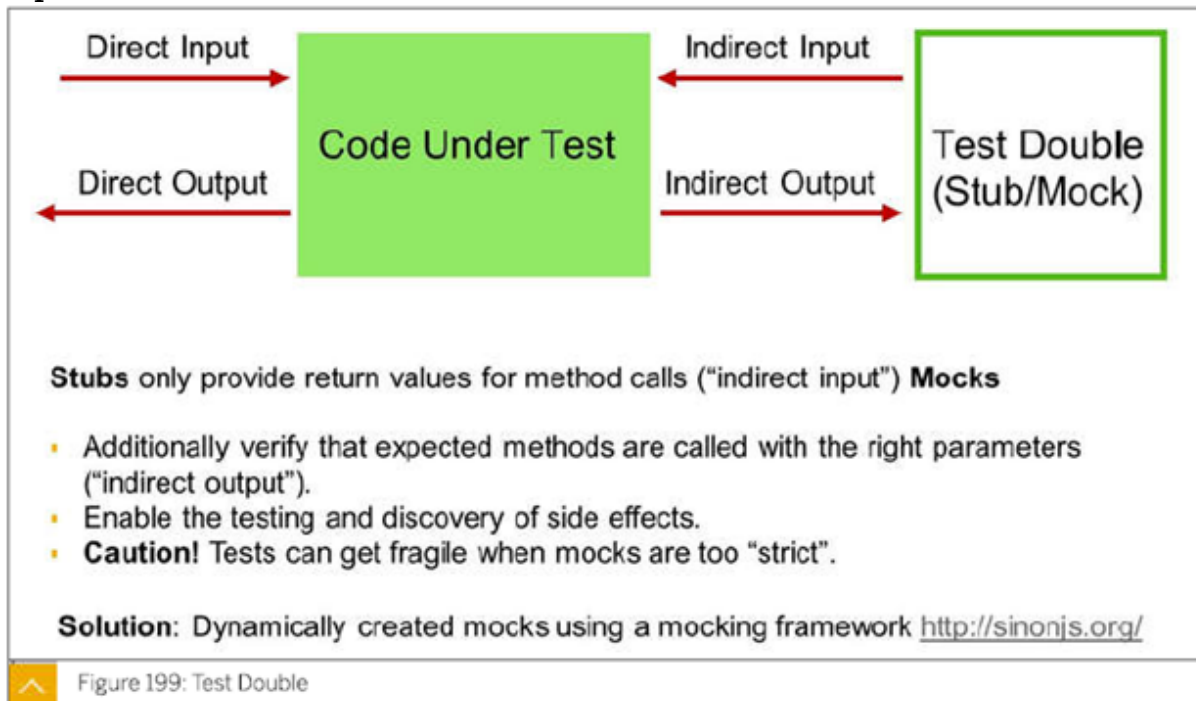
Question: 8

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

Explaination:

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

- Screen capturing.
- Testing across more than one page.
- Remote test execution.
- End-to-end test are not recommended with OPA5 due to authentication issues and the fragility of test data.

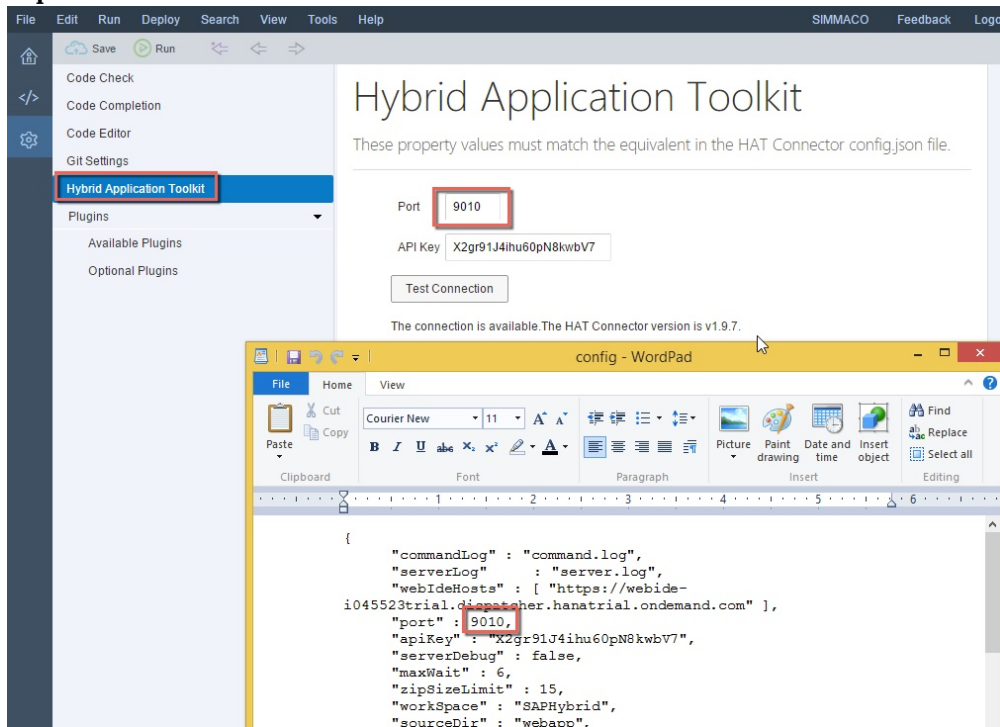Figure 209: OPA5 Limitations

Question: 9

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
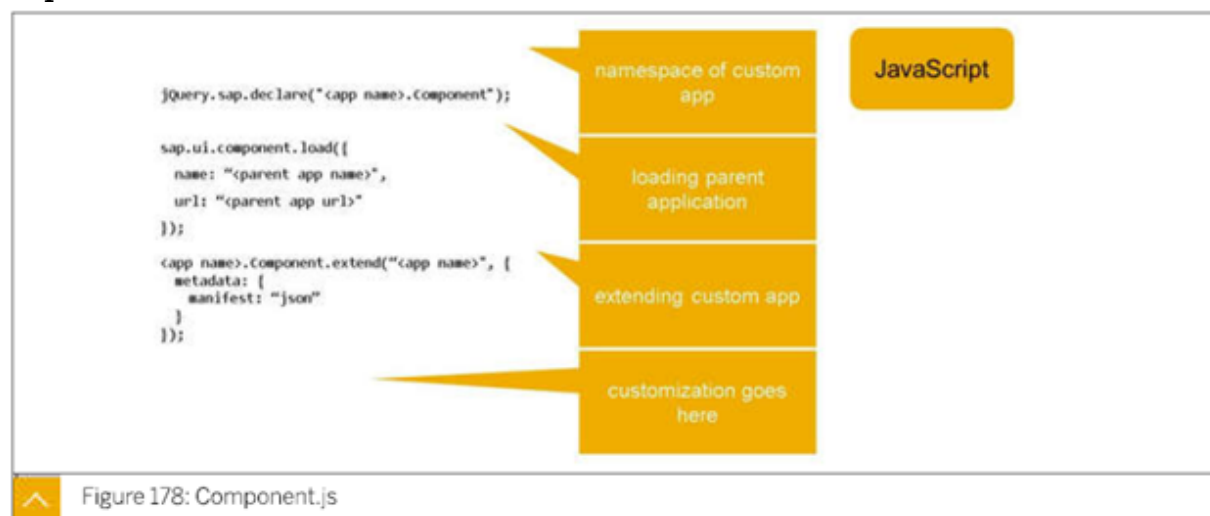
Correct Answer: 4

Explaination:

Link:

Question: 10

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

Explaination:

Figure 178: Component.js

Question: 11

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

Explaination:
Link:
https://sapui5.hana.ondemand.com/1.36.6/docs/guide/91f057786f4d1014b6dd926db0e91070.html

Question: 12

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

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

Explaination:
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/

Question: 14

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

Explaination:

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 exsiting 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

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

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

Question: 16

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

Explaination:
• **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/

Question: 17

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

Explaination:

Figure 177: UI Extension Project

Figure 177: UI Extension Project
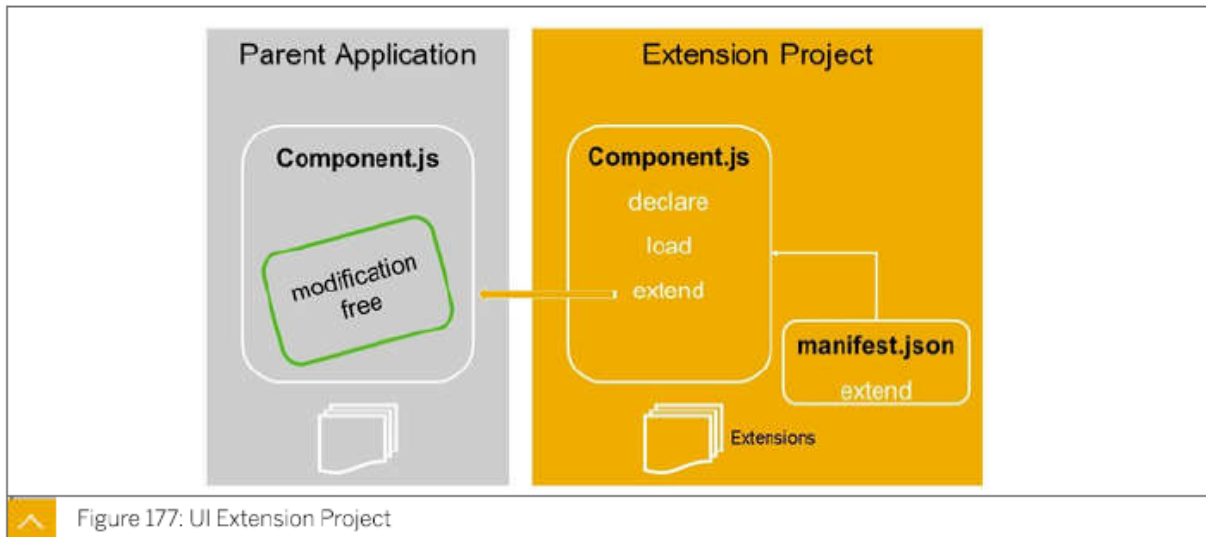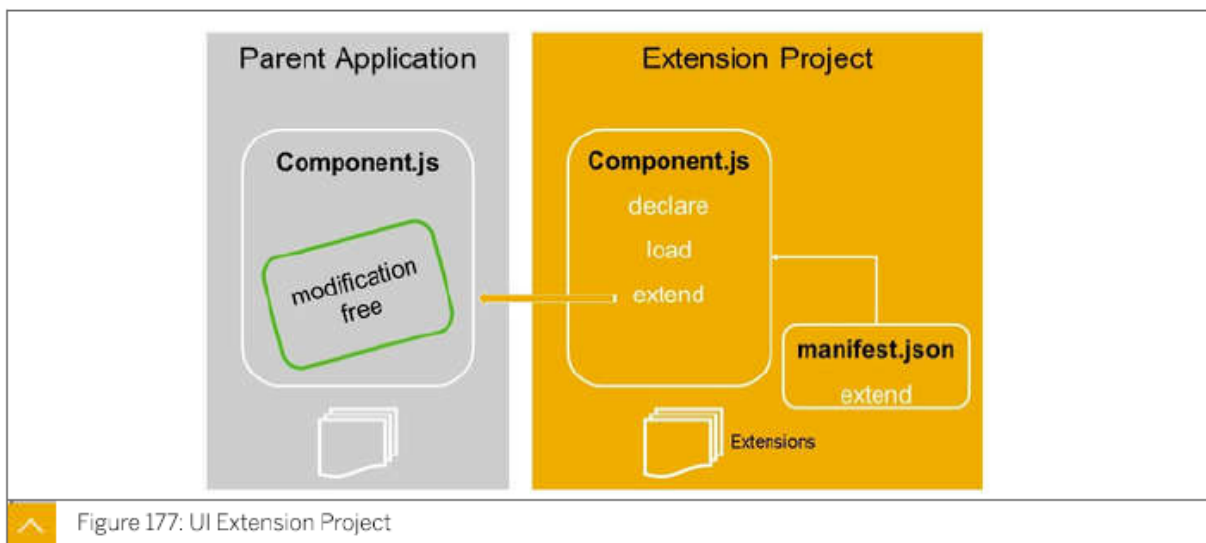
Question: 18

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

Explaination:

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


```
test.qunit.html  ×

 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/QUnitUtils.js"></script>
18          <script src="./webapp/util/prettydate.js"></script>
```

Figure 202: Test Page Example (1 of 2)

Question: 19

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

Explaination:
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

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

<div align="right">

Correct Answer: 1,2,5

</div>

Explaination:
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

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Question: 21

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

<div align="right">

Correct Answer: 3

</div>

Explaination:
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

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Question: 22

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

1.)   Analytical
2.)   Transactional
3.)   Legacy
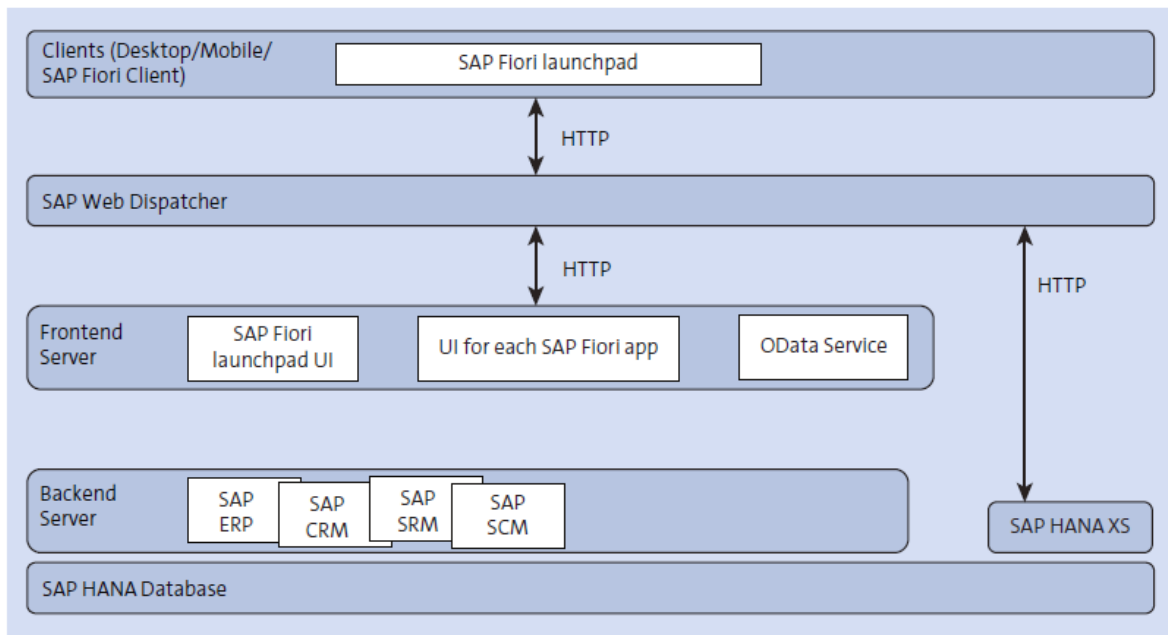4.)   Factsheet

Correct Answer: 1,4

Explaination:

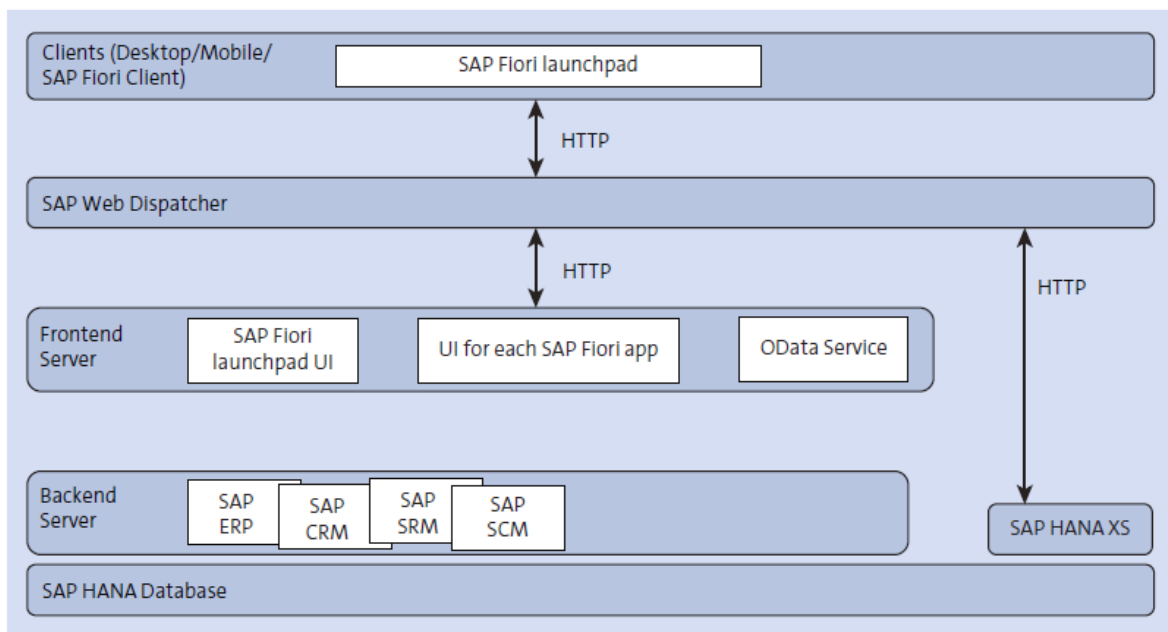Figure 2.4 Architecture of an SAP Fiori Analytical App

Figure 2.4 Architecture of an SAP Fiori Analytical App

Question: 23

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

Explaination:

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

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

Explaination:

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

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Question: 25

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

<p style="text-align: right;">**Correct Answer: 2**</p>

Explaination:
Link:
https://blogs.sap.com/2016/09/30/howto-import-build-prototype-into-web-ide/

Question: 26

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

<p style="text-align: right;">**Correct Answer: 3**</p>

Explaination:
Link: https://experience.sap.com/skillup/introduction-to-design-thinking/

Question: 27

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

<p style="text-align: right;">**Correct Answer: 1,2**</p>

Explaination:
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/bea0e62beca343fca78ded10f2937658.html

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Question: 28

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

Explaination:
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

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Question: 29

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
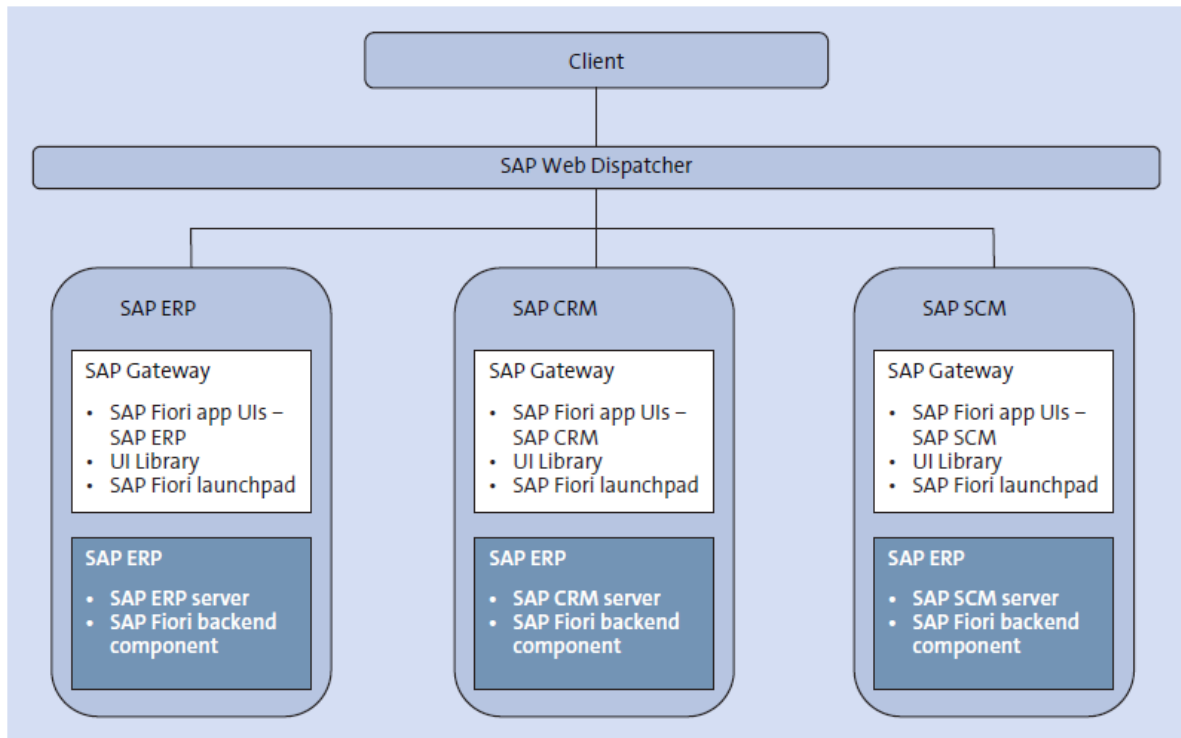
Correct Answer: 2,3

Explaination:
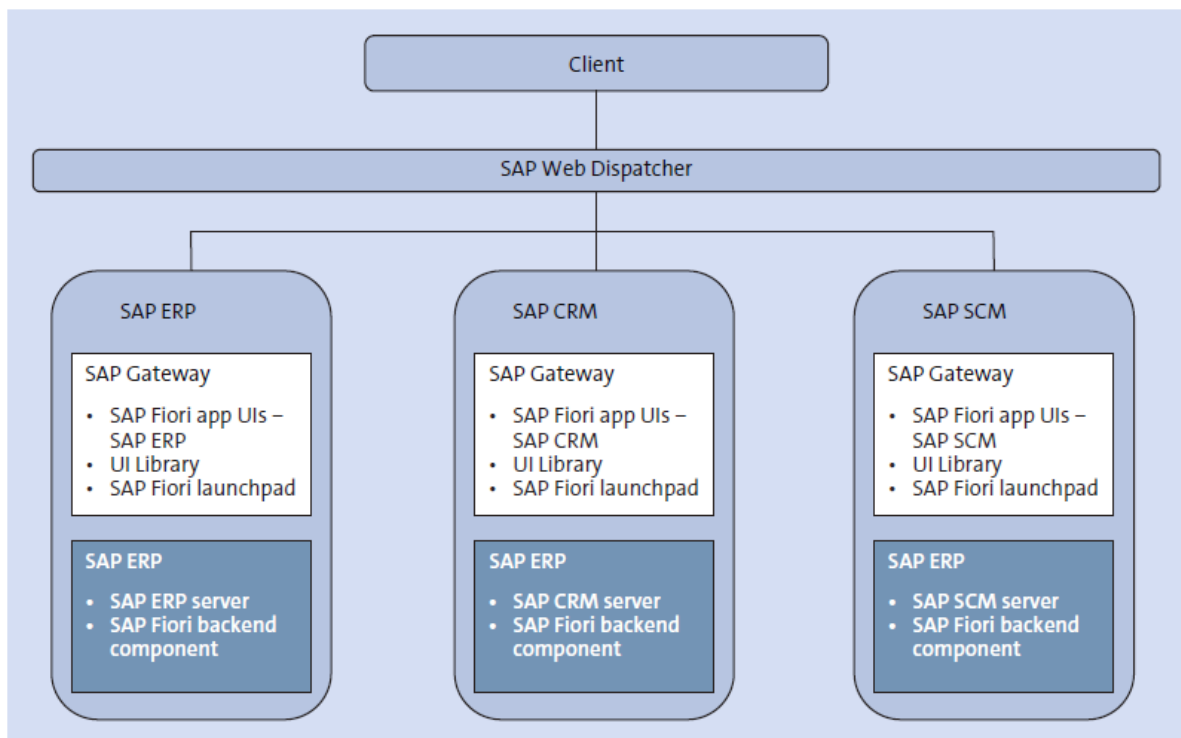

Figure 2.11 SAP Gateway: Embedded Deployment Option

Figure 2.11 SAP Gateway: Embedded Deployment Option

Question: 30

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

Explaination:
Link:
https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/d9373d16ccee4277ba047d130ee9f0de.html

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Question: 31

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

Explaination:
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

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Question: 32

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

Explaination:
Link: https://experience.sap.com/fiori-design-web/design-led-development-process-external/

Question: 33

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

Explaination:
Link:
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/

Question: 34

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

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

Question: 35

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

Explaination:

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

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Question: 36

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

Explaination:

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

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

Aggregation Binding

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

Element Binding

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

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

<div align="right">Correct Answer: 2</div>

Explaination:
Link: https://help.sap.com/viewer/a630d57fc5004c6383e7a81efee7a8bb/2011.500/en-US/c00cbf7fe8464663aee830fb6e7eec13.html

---

Question: 38

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

<div align="right">Correct Answer: 3</div>

Explaination:
Link: https://dzone.com/articles/adding-native-touches-your

Question: 39

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

Explaination:
link: **https://sapui5.hana.ondemand.com/docs/topics/91f122a36f4d1014b6dd926db0e91070.html**

Question: 40

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

Explaination:
link: **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/

Question: 41

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

Explaination:
link: **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/

Question: 42

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

Explaination:

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 com- bining the capability of multiple GUI transactions. This increases user produc-tivity 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

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)

<div align="right">

Correct Answer: 4

</div>

Explaination:
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 Busi-ness Server Pages (BSP) applications.

Question: 44

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

Explaination:
Link: https://www.git-tower.com/learn/git/commands/git-commit/

Question: 45

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
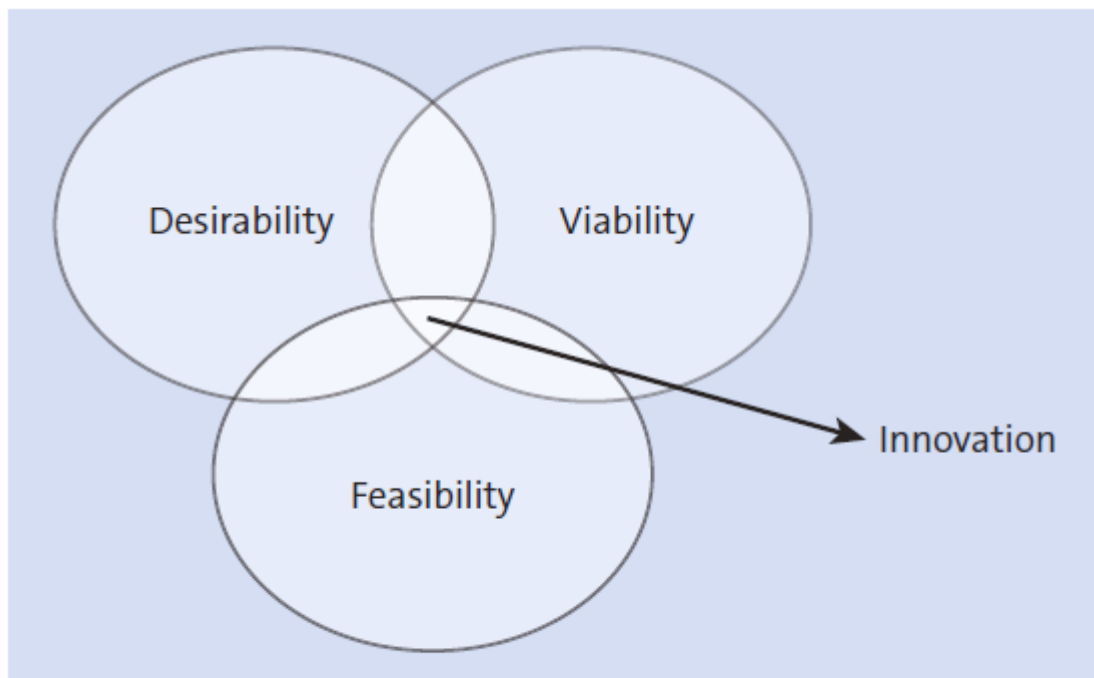4.) Desirable

Correct Answer: 3,4

Explaination:

Figure 1.5 Innovation Intersection

Question: 46

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

Explaination:

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

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

Explaination:
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

Question: 48

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

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

Question: 50

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

Question: 51

You develop an SAPUI5 app that updates data on the SAP back-end system. What activities are required when you implement an XSRF token? (2 Correct)

1.) Retrieve the token and send it with each service request
2.)   Execute the Refresh method for an expired token
3.)   Include the token in the HTTP request body of each write request
4.)   Generate a token on each read and write request

Correct Answer: 1,2

Explaination:
Link:
https://help.sap.com/doc/saphelp_nw73ehp1/7.31.19/en-US/79/108d3aacaf4209b91b760280f82e13/content.htm?no_cache=true
https://help.sap.com/viewer/e157c391253b4ecd93647bf232d18a83/Cloud/en-US/652fd37957d6406dbdc5150297991625.html
https://sapui5.hana.ondemand.com/sdk/#/topic/91f3e6056f4d1014b6dd926db0e91070

Question: 52

What is Apache Cordova?

1.)   An open source mobile development framework
2.)   A cloud service to access data from mobile devices
3.)   API provided by SAP to access mobile device features
4.)   SAP product to run SAP Fiori applications on mobile device

Correct Answer: 1

Explaination:
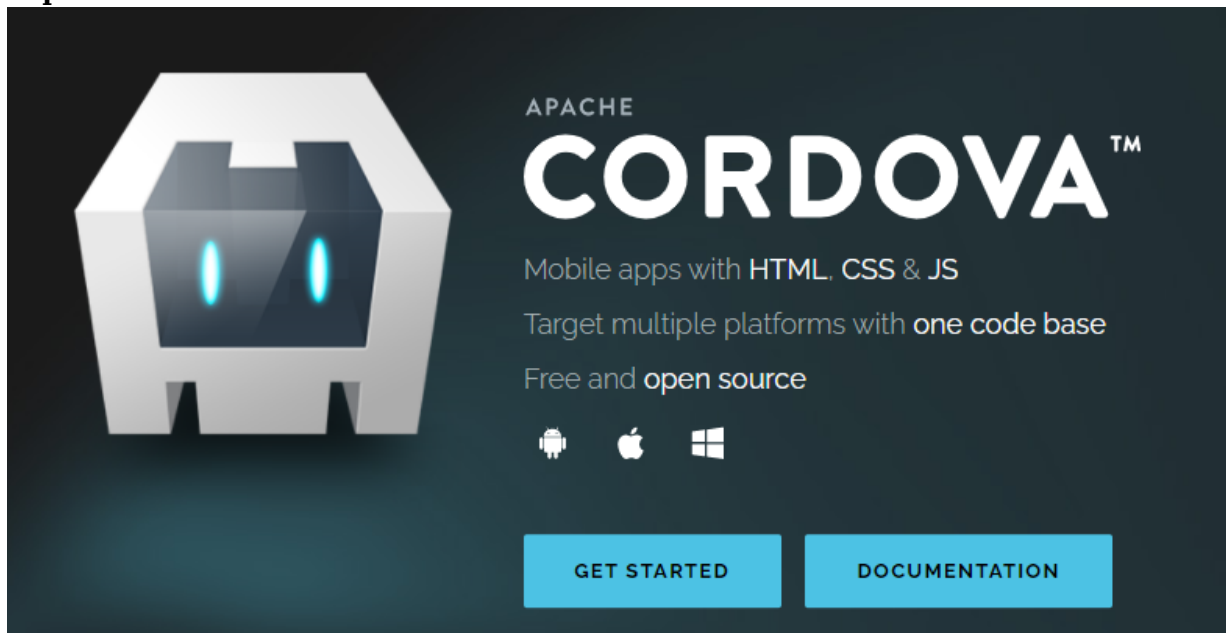
Link: https://en.wikipedia.org/wiki/Apache_Cordova

Question: 53

You are extending an SAP Fiori app. Which of the extension properties are defined in the manifest.json? (2 Correct)

1.) sap.ui.controllerExtensions
2.) sap.ui.modelModifications
3.) sap.ui.i18nModifications
4.) sap.ui.viewModifications

Correct Answer: 1,4

Explaination:
Link:
https://sapui5.hana.ondemand.com/#/topic/7619517a92414e27b71f02094bd08d06

```
"sap.ui5":{
  "_version": "1.1.0",
  "dependencies": {
    "minUI5Version": "1.40.3"
  },
  "extends" :{
    "component": "samples.modify",
    "extensions": {
      "sap.ui.ViewModifications": {
        "samples.modify.View.S1": {
          "inputCanBeHidden": {
            "visible": false
          }
        }
      }
    }
  }
}
```

Listing 6.2 manifest.json Specifying the Hiding of the UI Control

Question: 54

Your customer asks you for the advantages of the Model View Controller (MVC) design pattern. Which of the following answers do you provide? (2 Correct)

1.) MVC artifacts can be transported and debugged separately
2.) The project team members that have extensive UI skills can concentrate in that area
3.) The data that the models work with can be reused by several different applications
4.) MVC is easy to implement for the project team members and supports quick coding

Explaination:
Link:
https://www.brainvire.com/six-benefits-of-using-mvc-model-for-effective-web-application-development/

Question: 55

You need to strengthen the connection security between the Web IDE and the Hybrid App Toolkit Connector. Which of the following activities do you perform?

1.)   Install an X.509 certificate
2.)   Change the default port number
3.)   Replace the default API key
4.)   Run the connector with administrator rights

Explaination:

Hybrid App Toolkit Connector

HAT Connector will be setup by the HAT Installer

Startup the HAT Connector

- On Windows, double-click run.cmd

- On Mac, (first chmod +x *.sh) run ./run.sh

Strengthen the connection security with the API key

- Menu Tools > Preferences

- Replace the default <apiKey> value in the project config.json file with an alphanumeric string

Test connection from SAP Web IDE to the HAT Connector running locally on the developer workstation

File   Edit
Save
Code Ch
Code Co
Code Ed
Git Settin
Hybrid A
Plugins
Avalla
Optio

Question: 56

You need to configure a SAP Web IDE destination to extend an existing SAP Fiori app. Which configuration setting for the WebIDEUsage property is required?

1.) ui5_execute_abap
2.) dev_abap
3.) odata_fiori
4.) extend_fiori

Correct Answer: 2

Explaination:

WebIDEUsage	Enter one or more of the following values:
	   • odata_abap:
	for the OData functionality of Gateway (corresponds to URL path /sap/opu/odata)
	   • odata_gen:
	for generic OData functionality (service URL must be provided manually in the New Project wizard)
	Caution
	Enter either the odata_abap value or the odata_gen value. Do not use both values at the same time.
	   • ui5_execute_abap:
	for executing SAPUI5 applications from the SAPUI5 ABAP Repository (corresponds to URL path /sap/bc/ui5_ui5)
	   • dev_abap:
	for extensibility scenarios and developing or deploying to SAPUI5 ABAP Repository (corresponds to URL path /sap/bc/adt)

Link:
https://help.sap.com/viewer/825270ffffe74d9f988a0f0066ad59f0/CF/en-US/5c3debce758a470e8342161457fd6f70.html

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Question: 57

Which SAP Fiori application is launched by using the search functionality instead of using a tile?

1.) Factsheet
2.) Analytical
3.) Transactional
4.) Legacy

Correct Answer: 1

Question: 58

Your customer requests a special create method to enable the creation of the full OData hierarchy. Which OData service method can you use?

1.) EXECUTE_DEEP_INSERT
2.) CREATE_STREAM
3.) CREATE_BATCH_ENTITY
4.) CREATE_DEEP_ENTITY

Correct Answer: 4

Explaination:
Link: https://blogs.sap.com/2016/10/13/create-deep-entity/
https://blogs.sap.com/2016/06/16/step-by-step-procedure-for-createdeepentity-in-post-operation/
https://blogs.sap.com/2014/04/27/step-by-step-development-guide-for-createdeepentity-operation/

Question: 59

You develop an SAPUI5 app and implement a FacetFilter. What events are triggered when the user interacts with the FactFilter control? (2 Correct)

1.) reset
2.) oninit
3.) listFilter
4.) confirm

Explaination:
The FacetFilter control is used to provide filtering functionality with multiple parameters.
Constructor Summary
new sap.m.FacetFilter(sId*?*, mSettings*?*)Constructor for a new FacetFilter.
Event Summary
confirm(oControlEvent)Fired when the user confirms filter selection.
reset(oControlEvent)Fired when the Reset button is pressed to inform that all FacetFilterLists need to be reset.

Link:
https://sapui5.hana.ondemand.com/1.42.6/docs/api/symbols/sap.m.FacetFilter.html

Question: 60

Your customer wants to enable the SAP Fiori app to be accessed in multiple languages. Which of the following activities do you perform? (3 Correct)

1.) HTML -enable the special characters in the resource file
2.) Create a resource file containing key/value pairs
3.) Create a resource file for each language
4.) Create a resource file with a .props extension
5.) Create a view file and a controller file for each language

Explaination:
Link: https://sapyard.com/sapui5-resource-model-for-freshers/

Question: 61

Which of the following components make up the SAP Web IDE hybrid app toolkit? (3 correct)

1.) SAP Web IDE plugin
2.) SAP Cloud Platform service
3.) Hybrid App Toolkit connector
4.) SAP Hybrid App Toolkit companion

Question: 62

What happens if you execute an app that contains the following bootstrap file?
Please choose the correct answer.

```
<script src="resources/sap-ui-core.js" id="sap-ui-bootsrap"
data-sap-ui-libs="sap.m"
data-sap-ui-xx-bindingSyntax="complex"
data-sap-ui-resourceroots='{"sales.reporting":"/"}'
```

1.) The bootstrap will NOT load and the application will produce an error message that the theme is missing
2.) The bootstrap will load and the application will run successfully but without a theme
3.) The bootstrap will load and the customer-defined default theme will be used
4.) The bootstrap will load and the SAP default theme will be used

Correct Answer: 2

Explaination:
The initial theme can be hardcoded in the application (in the script tag of the bootstrap loading SAPUI5) or in a JS configuration object defined before SAPUI5 is loaded, for example:
<script id="sap-ui-bootstrap"
    type="text/javascript"
    src="resources/sap-ui-core.js"
    data-sap-ui-theme="sap_belize">
</script>

link:
https://sapui5.hana.ondemand.com/sdk/#/topic/e9fc648661d84ed89360bbec3ae02611

Question: 63

What annotation is used to define the heading of list report?

1.) @UI.headerInfo.typeName
2.) @UI.headerInfo.typeNamePlural
3.) @UI.LineItem.headerTitle
4.) @UI.header.title

Correct Answer: 2

Explaination:
link:
https://help.sap.com/viewer/cc0c305d2fab47bd808adcad3ca7ee9d/7.5.9/en-US/f8af07bb0770414bb38a25cae29a12e9.html

Question: 64

Why does SAP Fiori use an intent-based navigation?

1.) Apps can be developed and deployed in parallel
2.) Apps targets can be deployed separately
3.) The concrete app targets can be deployed separately
4.) App implementation make the app deployment easier

Explaination:
link:
https://blogs.sap.com/2016/01/17/best-build-fiori-apps-rule-7-always-use-intent-based-navigation-to-navigate-within-an-app-and-between-apps/

Question: 65

What attributes is assigned to @UI.fieldGroup to add an identifier?

1.) Qualifier
2.) Identifier
3.) Quantity
4.) Identity

Correct Answer: 1

Explaination:
link:
https://help.sap.com/viewer/cc0c305d2fab47bd808adcad3ca7ee9d/7.5.9/en-US/72dd334ff1ba4681959fa2b873a0a415.html

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Question: 66

Your customer extends an SAP Fiori app with View Replacement. Which activities do you perform?(2 Correct)

1.) Create an SAPUI5 view that replaces the complete view
2.) Identify a specific SAPUI5 control to be replaced
3.) Create an SAPUI5 control that replaces the original control
4.) Verify that adding custom content in the Extension Points will NOT suffice

Correct Answer: 1,4

Explaination:
link:
https://sapui5.hana.ondemand.com/1.36.6/docs/guide/98861cf90b874e3394b666cfb347ff0b.html

---

Question: 67

Your customer needs an app that can perform data modifications. Which ODataModel binding-mode do you select?

1.) One-way
2.) Three-way
3.) Two-way
4.) One-time

Correct Answer: 3

Explaination:
link:
https://sapui5.hana.ondemand.com/1.32.9/docs/guide/c72b922fdb59422496661000165d7ff1.html
https://sapui5.hana.ondemand.com/1.28.33/docs/guide/91f191d26f4d1014b6dd926db0e91070.html

---

Question: 68

You develop an SAP Fiori sales app to display sales order information from the backend system. Which of the following model types do you use?

1.) JSON model
2.) XML model
3.) OData model
4.) Resource model

Correct Answer: 3

Explaination:
link:
https://help.sap.com/viewer/0ce0b8c56fa74dd897fffda8407e8272/7.5.9/en-US/6c47b2b39db9404582994070ec3d57a2.html

---

Question: 69

Why do you use the Cordova and SAP Kapsel plug-ins when using the SAP Web IDE, SAP HAT add-on? (2 Correct)

1.) To use offline OData
2.) To enable multiple SAPUI5 apps
3.) To use X.509 client certificates
4.) To integrate device APIs

Correct Answer: 1,4

Explaination:
link:
https://help.sap.com/doc/d9c75eebcfa840c8a4aa4b0e6a8136de/3.0.14/en-US/ed65d7f0acbd4ae2bb4bb59e0aa389ad.html
https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/7c035fab70061014a483940fd6c29742.html

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Question: 70

Which options are known to consume SAP Fiori apps on mobile clients without using the SDK for iOS or Android? (3 correct)

1.) SAP Fiori GUI Client
2.) SAP Fiori in a browser
3.) SAP Fiori Client app or custom SAP Fiori Client
4.) SAP Fiori Mobile with Kapsel SDK

Correct Answer: 2,3,4

Question: 71

You perform a QUnit test with the following syntactical options. Which call returns true when you execute it?

1.) Assert.strictEqual(0,"","true");
2.) Assert.strictEqual(0,null,"true");
3.) Assert.strictEqual(0,-0,"true");
4.) Assert.strictEqual(0,"0","true");

Correct Answer: 3

Explaination:
Please execute in webide and test.

Question: 72

You need to consume the OData Service from the Gateway to create a new SAP Fiori app in the SAP Web IDE. What value do you configure in the WebIDEUsage property for the destination in the SAP HANA Cloud Platform?

1.)   odata_xs
2.)   odata_abap
3.)   dev_abap
4.)   odata_gen

Correct Answer: 2

Explaination:

WebIDEUsage   Enter one or more of the following values:
• odata_abap:
for the OData functionality of Gateway (corresponds to URL path /sap/opu/odata)
• odata_gen:
for generic OData functionality (service URL must be provided manually in the New Project wizard)
Caution
Enter either the odata_abap value or the odata_gen value. Do not use both values at the same time.
• ui5_execute_abap:
for executing SAPUI5 applications from the SAPUI5 ABAP Repository (corresponds to URL path /sap/bc/ui5_ui5)
• dev_abap:
for extensibility scenarios and developing or deploying to SAPUI5 ABAP Repository (corresponds to URL path /sap/bc/adt)

Link:
https://help.sap.com/viewer/825270ffffe74d9f988a0f0066ad59f0/CF/en-US/5c3debce758a470e8342161457fd6f70.html

Question: 73

What possible values can be used for the annotation @UI.LineItem.importance? (3 correct)

1.)   MEDIUM
2.)   LOW
3.)   HIGH
4.)   VERY_HIGH

Correct Answer: 1,2,3

Explaination:

UI.lineItem.importance	This annotation expresses the importance of dataFields or other annotations. The element can be used, for example, in dynamic rendering approaches with responsive design patterns.**Example**You defined a table with several columns. The columns that need to be displayed always, get importance *HIGH*. This ensures that these columns are displayed in a table when this table is rendered on a small display. If no importance is defined, the line item is treated like having importance *LOW*. **Values**: String The following enumerations are provided:

Value	Description
HIGH	-
MEDIUM	-
LOW	-

Question: 74

Why do you explore the Problem Space in detail during a Design Thinking workshop?

1.) To create desirable solutions
2.) To understand user needs
3.) To save costs in the evaluation phase
4.) To validate solution ideas

Correct Answer: 2

Explanation:
Link:
https://www.interaction-design.org/literature/article/stage-2-in-the-design-thinking-process-define-the-problem-and-interpret-the-results

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Question: 75

What goals are achieved by a Lean Development Infrastructure? (2 correct)

1.) Either automates or provides self-service response
2.) Used to increase the development effort
3.) Used for ABAP development with Eclipse oxygen
4.) Allows for faster innovation through independantly released and serial versions of components.

Correct Answer: 1,4

Explaination:
Link: **https://en.wikipedia.org/wiki/Lean_software_development**
https://www.planview.com/resources/articles/lkdc-principles-lean-development/

Question: 76

You finalized your app development in the SAP Web IDE and need to deploy it. Which deployment targets are offered? (3 Correct)

1.) SAPUI5 ABAP Repository
2.) SAP HANA Cloud Platform
3.) SAPUI5 Java Repository
4.) Deploy to SAP Fiori launchpad
5.) Register to SAP Fiori launchpad

Correct Answer: 1,2,5

Explaination:
Deploying Applications
You can deploy new applications from SAP Web IDE to different servers.

Deploy Applications to the SAPUI5 ABAP Repository
You can deploy an existing application from the SAP Web IDE workspace to the SAPUI5 ABAP repository.
Update Existing Applications Residing in the SAPUI5 ABAP Repository
You can update your applications that reside in the SAPUI5 ABAP repository.
Deploy Applications to SAP Cloud Platform
You can deploy any project from SAP Web IDE to SAP Cloud Platform as a new application or as an update to a previously deployed application in any of your SAP Cloud Platform accounts.
Register Applications to SAP Fiori Launchpad
You can register your SAP Cloud Platform deployed application to SAP Fiori launchpad directly from SAP Web IDE. Once registration is complete, a new tile is created in SAP Fiori launchpad, assigned to a site, a catalog, and a group.
Check the Application Status
You can check whether your application has been deployed to SAPUI5 ABAP Repository and/or SAP Cloud Platform.
Application Build
Applications in production environments generally require a build to package resources in an optimal format, for example, to improve loading and delivery.

Question: 77

Which UI5 theme is replacing SAP Blue Crystal as the base Fiori theme?

1.) SAP High Contrast Black
2.) SAP Tradeshow
3.) SAP Corbu
4.) SAP Belize

Correct Answer: 4

Explaination:
Link:

Question: 78

Your customer needs to securely connect the SAP HANA Cloud Connector to the Web IDE of an on-premise system. How does the SAP HANA cloud connector help do this? (2 Correct)

1.) It secures an SSL tunnel between the SAP Hana Cloud and the on-premise system
2.) It initiates a cloud-based reverse-invoke process
3.) It supports custom destination API configuration and certificate inspection
4.) It creates connectivity by a reverse-invoke process on the on-premise system

Correct Answer: 1,4

Explaination:
Link:

Question: 79

Which tile types can you use to display real-time data values read from an OData service? (2 Correct)

1.) App Launcher – Dynamic tile
2.) KPI based tile
3.) News tile
4.) App Launcher – Static tile

Correct Answer: 1,2

Explaination:
link:

Question: 80

What are the main characterstics of a search field in SAP Fiori element-based applications? (3 correct)

1.) Finds a keyword in multiply fields
2.) No value help dialog
3.) Supports fuzzy search
4.) Provides multiple search fields

Correct Answer: 1,2,3

Explaination:
link:

Question: 81

Which security features does the SAP Fiori provide to restrict the access to native device capabilities? (2 Correct)

1.) Bridge for non-Fiori content
2.) Encrypted storage of data on the device
3.) Restricted device functionality using a client policy
4.) Privacy screen

Correct Answer: 1,3

Explaination:
link:

https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/0e5045937d1046279d539bdffc24f4d7.html

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Question: 82

You extend an SAP Fiori app. The visibility value of a View Button control needs to be modified. Which extension point do you use?

1.) View Extension
2.) View Visibility
3.) View Replacement
4.) View Modification

Correct Answer: 4

Explaination:
View Modification
For modifying views, control properties of standard views can be changed.
The view modification is currently restricted to the visible property of controls, meaning that controls can be hidden in the custom application. The controls must have the visible property and the control's ID must be defined in the view. The view name together with the control ID uniquely determines the control in the standard application.

Question: 83

Your customer asks you to demonstrate their app with localization changes. Which activity do you perform?

1.) Show the i18n.properties file translations
2.) Configure the run configuration file in the app
3.) Enable the preview frame in the run configuration
4.) Configure the Supported Languages settings in the Project.json file

Correct Answer: 1

Explaination:
Link:
https://sapui5.hana.ondemand.com/1.36.6/docs/guide/df86bfbeab0645e5b764ffa488ed57dc.html

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Question: 84

Which of the following user authentication and Single sign-on mechanisms are supported by SAP Fiori Client? (3 correct)

1.) Iris scan
2.) One-time password
3.) SAML
4.) X.509 cleint certificates

Correct Answer: 2,3,4

Explaination:
Link:
https://help.sap.com/doc/38ec5403bfbf4d7a8fdd3fee5f9605e0/3.0.14/en-US/c7ee0275986543a9a9ddd1f1061f43e3.html?

Question: 85

Which tool do you use to deploy SAP Fiori app developments?

1.) Process Modeler
2.) Eclipse (SAP NetWeaver Developer Studio)
3.) SAP WEB IDE
4.) Object Navigator

Correct Answer: 3

Explaination:
Ofcourse! It is webide
Link:
https://blogs.sap.com/2017/01/24/customizing-sap-fiori-launchpad-using-the-ui-theme-designer/
https://sapui5.hana.ondemand.com/1.32.7/docs/guide/723f4b2334e344c08269159797f6f796.html

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Question: 86

Your customer requires that the SAPUI5 design of all apps reference a specific and consistent look and feel. What do you create? (3 Correct)

1.) Create a theme using the Theme Designer implementing the specific look and feel and reference this theme in the bootstrap of all apps
2.) Create a model using the Web IDE implementing the specific look and feel and reference this model in the bootstrap of all apps
3.) Create a module using the Web IDE implementing the specific look and feel and reference this module in the bootstrap of all apps
4.) Create a global JavaScript file using the Web IDE implementing the specific look and feel and reference this file in the bootstrap of all apps
5.) Create a css file using the Web IDE implementing the specific look and feel and reference this css in the bootstrap of all apps

Correct Answer: 1,2,5

Question: 87

What is the goal of every developer? (3 correct)

1.) Less maintenance
2.) Develop faster
3.) Increase development effort
4.) Increase efficiency

Correct Answer: 1,2,4

Explaination:
As a developer, you would not want to increase development effort.

Question: 88

Which technologies are used to create Hybrid apps and SAPUI5 apps?

1.) HTML, JSON and CSS3
2.) XML, JSON and CSS
3.) XML, JavaScript and CSS3
4.) HTML5, JavaScript and CSS

Correct Answer: 4

Explaination:
   XML, JavaScript and CSS

Question: 89

In the source code below, which of the following locations must reference the extension point? Please choose the correct answer.

```
<Page title="Title">
<content>
<Label text = "First name:"/>
<Input/>
<core:ExtensionPoint name="forMiddleName:"/>
<<Label text = "Last name:"/>
<Input/>
<Button text="Get Info" press="doGetInfo"/>
</content>
</Page>
</core:View>
```

1.) Neo-app.json
2.) Component.js
3.) EmployeeData.view.xml
4.) EmployeeDate.controller.js

Correct Answer: 2

Question: 90

You need the server to sort and filter the data used in your customer's app. Which SAPUI5-supported data model must you use?

1.) JSONModel
2.) ResourceModel
3.) ODataModel
4.) XMLModel

Correct Answer: 3

Explaination:
Link:
https://sapui5.hana.ondemand.com/1.34.7/docs/guide/6c47b2b39db9404582994070ec3d57a2.html

---

Question: 91

You develop an SAPUI5 app that can be extended. To allow your customer modifications, you set up a hook method. What activities are required to implement a hook method? (3 Correct)

1.) Create a .js file in the Util folder to allow the customer to add custom code
2.) Identify a strategic location in the controller for the customized code
3.) Modify the bootstrap option to allow multi-layer extensions of the custom code
4.) Define a new function name ensuring it is reserved for the extension
5.) Add a code snippet to check if the method exists and execute it

Correct Answer: 2,4,5

Explaination:
Link: **https://sapui5.hana.ondemand.com/#/topic/a264a9abf98d4caabbf9b027bc1005d8**
https://blogs.sap.com/2015/06/15/how-to-extend-a-sapui5-fiori-application-both-view-and-controller/

Question: 92

You develop an SAPUI5 app that updates data for sales order and sales order items on the back-end system. What do you create to implement a deep insert? (2 Correct)

1.) Create individual structures for both Sales Order and Sales Order Items, and then batch them
2.) Create a flat structure with Sales Order and Sales Order Items, and then add an expand command
3.) Create a nested structure for Sales Order and Sales Order Items
4.) Create an object structure that defines the hierarchy

Correct Answer: 3,4

Question: 93

What annotations are required to declare that an ABAP Core Data System supports search capabilities?

1.) @Search.allowed
2.) @Search.searchable
3.) @Search.possible

Correct Answer: 2

Explaination:
Link: https://blogs.sap.com/2014/12/04/enabling-search-in-sap-hana-using-cds/

Question: 94

While testing an SAP Fiori app you discover that a button on the page delivers no response. Which of the following agile pyramid options do you use?

1.) OPA
2.) Sinon
3.) Mock server
4.) QUnit

Correct Answer: 1

Explaination:
Link:
https://sapui5.hana.ondemand.com/1.36.6/docs/guide/1b47457cbe4941ee926317d827517acb.html
https://sapui5.hana.ondemand.com/1.34.13/docs/guide/22f175e7084247bc896c15280af9d1dc.html

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Question: 95

What is the purpose of build server?

1.) Provides software that allows continuous integration.
2.) Manage components, builds artifacts, and releases candidates in one central location
3.) Used for version control
4.) Used for code review

Correct Answer: 1

Explaination:
A build server, also called a continuous integration server (CI server), is a centralized, stable and reliable environment for building distributed development projects.
The build server starts with a clean slate, so no unapproved configurations or artifacts are present. Since the code is pulled from the repository, only committed code will end up in the release version. This increases predictability by enforcing source control and making it possible to flag issues and notify developers quickly if there are conflicts or missing dependencies. It helps ensure that the same dynamic link library is used for all builds and that out-of-sync check-ins don't lead to failure during quality assurance (QA) testing.

Question: 96

You need to explain the core functions of OPA5 for testing SAPUI5 apps. Which test options are offered by OPA5? (2 Correct)

1.) Development tests
2.) Load tests
3.) Navigation tests
4.) User interaction tests

Correct Answer: 3,4

Explaination:
Link:
https://sapui5.hana.ondemand.com/1.36.6/docs/guide/10592affce3e4f1ba73c3125ee06e0b7.html
https://sapui5.hana.ondemand.com/1.32.7/docs/guide/19ccd473c9a14c2ab7529303a2232d2c.html

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Question: 97

Which SAP Fiori personalization elements holds all of the technical information needed to start an app?

1.) Catalog
2.) User Preferences
3.) Group
4.) Tile

Correct Answer: 4

Explaination:
link:
https://blogs.sap.com/2015/07/13/configure-the-fiori-launchpad-tiles-using-catalogs-groups/

Question: 98

You need to maintain the mapping between an app URL and a destination in the SAPUI5 app. Which file do you maintain?

1.) project.json
2.) user-project.json
3.) neo-app.json
4.) path.json

<p style="text-align:right"><strong style="color:green">Correct Answer: 3</p>

Explaination:
link:
https://sapui5.hana.ondemand.com/1.32.7/docs/guide/28fa7538c67e4280a0b7708de2951278.html
https://sapui5.hana.ondemand.com/sdk/#/topic/f7abd1bbc766422e82476e333a46c9a1

Question: 99

You need to implement an SAP Fiori transactional app for your customer. What benefits are available in the completed app? (2 Correct)

1.) It allows UI changes without development privileges in the back-end
2.) It allows access to the back end to edit document details
3.) It allows drill-down details to be presented in the UI
4.) It allows fast iterations for the UI apps

<p style="text-align:right"><strong style="color:green">Correct Answer: 1,2</p>

Explaination:
link: **https://www.tutorialspoint.com/sap_fiori/sap_fiori_transactional_apps.htm**
https://blogs.sap.com/2017/09/14/how-to-develop-a-transactional-app-using-the-new-abap-programming-model-for-sap-fiori/
https://help.sap.com/doc/aa6e2a11c1844ebb93a6b4f44d5c0847/1.0%202016-07/en-US/frameset.htm?frameset.htm

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Question: 100

Which aspects should be considered in deciding which layout template to use? (2 correct)

1.) You need to consider which browser type is used
2.) It is helpful to answer questions on the nature of tasks
3.) You need to analyze the capabilities of the user.
4.) You need to analyse what end device the app is executed on
5.) You need to consider what the user wants to achieve when working in the app

<p style="text-align:right"><strong style="color:green">Correct Answer: 2,5</p>

Question: 101

What is the usage of Object Model annotations?

1.) UI-relevant annotations used by SAP Fiori elements
2.) Semantic annotation for fields of the result set
3.) Annotation for structured and transactional aspects of the data model
4.) Annotation for the consumption layer

<p style="text-align:right"><strong style="color:green">Correct Answer: 3</p>

Explaination:
Link: **https://help.sap.com/viewer/cc0c305d2fab47bd808adcad3ca7ee9d/7.5.9/en-US/896496ecfe4f4f8b857c6d93d4489841.html**

Question: 102

What SAPUI5 control is used as a starting point to implement the initial page?

1.)   sap.m.Table
2.)   sap.m.Select
3.)   sap.m.List
4.)   sap.m.Input

Correct Answer: 4

Explaination:
Link: https://openui5.hana.ondemand.com/api/sap.m.Input

Question: 103

SAPUI5 provides two different router implementations. What router class is used in SAP Fiori apps as a router or as a router base class, when you want to implement your own router?

1.)   sap.ui.core.routing.Router
2.)   sap.m.routing.Router
3.)   sap.routing.Router
4.)   sap.m.Router

Correct Answer: 2

Explaination:
Link: https://sapui5.hana.ondemand.com/1.36.6/docs/api/symbols/sap.m.routing.Router.html

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Question: 104

What problem is solved by the worklist report floorplan?

1.)   The user must process a long and unfamiliar task.
2.)   You want to display all the information of a simple or complex object, with different facets, in a responsive way.
3.)   You want to display a large collection of items, and the user can take some action.
4.)   You want to display a collection of items and process them or delegate them to someone else.

Correct Answer: 4

Explaination:
Link: https://experience.sap.com/fiori-design-web/v1-52/work-list/#usage

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Question: 105

What is the main benefit to using predefined CSS margin/padding classes of SAPUI5?

1.) Consistent width
2.) Consistent spacing
3.) Consistent borders
4.) Consistent height

Correct Answer: 2

Explaination:
Link: https://sapui5.hana.ondemand.com/1.36.6/docs/guide/777168ffe8324873973151dae2356d1c.html

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Question: 106

What is SAP Fiori floorplan?

1.) A floorplan defines the overall layout of an application
2.) A floorplan is a layout of the SAP web dynpro layouts for SAP Fiori apps
3.) A floorplan is a UI pattern that provides consistent UX
4.) A floorplan is a layout of SAPUI5

Correct Answer: 3

Explaination:
Link: https://experience.sap.com/skillup/a-quick-intro-to-sap-fiori-floorplans/

Question: 107

Which of the following make up the configuration of a tile for launching an SAP fiori app of type SAP UI5 in the SAP Fiori launchpad designer? (3 correct)

1.) Target Mapping
2.) Tile configuraton
3.) Tile implementation
4.) Semantic object
5.) Launchpad creation via LPD_CUST

Correct Answer: 1,2,4

Explaination:
Link: https://blogs.sap.com/2017/11/19/sap-fiori-ui5-app-configuration-in-sap-fiori-launchpad/

Question: 108

Which of the following components are part of the SAP Fiori launchpad? (3 correct)

1.) Shell services
2.) Runtime configuration
3.) UI2 services
4.) Runtime container
5.) Shell container

Correct Answer: 1,2,5

Explaination:
Link: https://help.sap.com/viewer/a7b390faab1140c087b8926571e942b7/202009.000/en-US/9863f091596c44b58d1d252f486cce38.html

Question: 109

What aggregations are defined by the sap.suite.ui.commons.ChartContainer? (3 correct)

1.) dimensionSelector
2.) content
3.) legend
4.) container
5.) customicons

Correct Answer: 1,2,5

Explaination:
Link: https://sapui5.hana.ondemand.com/#/api/sap.suite.ui.commons.ChartContainer%23aggregations

Question: 110

Which of the following artefacts are contained in the OData URL structure? (3 correct)

1.) Service Root URI
2.) Header data
3.) Query Options
4.) Resource Path

Correct Answer: 1,3,4

Explaination:
Link: https://www.odata.org/documentation/odata-version-3-0/url-conventions/

Question: 111

Which of the following statements are talking about the SAP Fiori app architecture? (2 correct)

1.) SAP Fiori apps need to have an app descriptor that describes the applications metadata.
2.) SAP Fiori apps should use the SAPUI5 core as a place to hold app data models.
3.) SAP Fiori apps have a index.html file that is used for SAP Fiori launchpad integration.
4.) SAP Fiori apps are implemented using the component-based approach.

Correct Answer: 1,4

Explaination:
Link: https://help.sap.com/viewer/f42cbf488a3c4f18a570b20c57b77cfa/5_OVERVIEW/en-US/f009e97dbcc94463aabfac350b09fcf5.html

Question: 112

What areas are mandatory in the tile layout? (2 correct)

1.) Content area
2.) Subtitle
3.) KPI area
4.) Status area
5.) Header area

Correct Answer: 1,5

Question: 113

What problem is solved by the wizard floorplan?

1.) The user must process a long and unfamiliar task.
2.) You want to display all the information of a simple or complex object, with different facets, in a responsive way.
3.) You want to display a collection of items and process them or delegate them to someone else.
4.) You want to display a large collection of items, and the user can take some action.

<div align="right">

Correct Answer: 1

</div>

Question: 114

What impact does UX have on monetary values? (3 correct)

1.) Increase user satisfaction
2.) Decreases change requests and user errors
3.) Strengthens relationships with customers
4.) Improves productivity and data quality
5.) Saves training costs

<div align="right">

Correct Answer: 2,4,5

</div>

Question: 115

What are common design thinking brainstorming rules? (2 correct)

1.) Go for quality
2.) Be visual
3.) Discuss and judge every idea
4.) Fail early and often

<div align="right">

Correct Answer: 2,4

</div>

Question: 116

When do you use flexible column layout?

1.)   You want to create a master-detail-detail scenario in which the user can drill down or navigate
2.)   You want to embed the SAP Fiori launchpad, or overview page into one of the columns
3.)   You want to open multiple instances of the same object type
4.)   You want to split a single object into multiple columns, or display only a small amount of information

<div align="right">

Correct Answer: 1

</div>

Question: 117

Which types of services are know or supported by the SAP Fiori launchpad (2 correct)

1.)   UI2 services
2.)   Platform-independent services
3.)   UI5 services
4.)   Platform-specific services

<div align="right">

Correct Answer: 2,4

</div>

Question: 118

Which of the following layouts, are described in v1.48 of guidelines? (2 correct)

1.)   Dynamic page
2.)   Flexible column layout
3.)   Split-screen
4.)   Mobile device layout
5.)   Full-screen

<div align="right">

Correct Answer: 1,2

</div>

Question: 119

What is the purpose of SAP Build?

1.) Provides tooling to support the designer during various phases of design thinking.
2.) Provides tooling to support the developer during the development of back-end services.
3.) Provides tooling to support the developer during the development of SAPUI5 applications.

Correct Answer: 1

Question: 120

What is the purpose of the neo-app.json file located in the project root folder of your SAP Web IDE project?

1.) It contains the mapping configuration of the front-end and back-end server URLs.
2.) It contains the configuration for the mock server.
3.) It contains the OData service configuration parameters used at runtime.
4.) It contains the mapping between an application URL and a destination configured in the SAP Cloud Platform.

Correct Answer: 4

Question: 121

What do you focus on when it comes to decomposition and re-composition?

1.) The data and functions that are already in the system
2.) The person's tasks that should be supported by the application
3.) The expensive of the implementation
4.) The building of mega transactions to support all needs of all people

Correct Answer: 2

Question: 122

What names have the view ports of the SAP fiori launchpad? (3 correct)

1.) Notification area
2.) Me area
3.) Desktop
4.) Workspace

Correct Answer: 1,2,4

Question: 123

What content density is used for touch-enabled devices?

1.) Cozy form factor
2.) Small form factor
3.) Mobile form factor
4.) Desktop form factor
5.) Compact form factor

<div align="right">

Correct Answer: 1

</div>

Question: 124

What are the main configuration objects of the routing configuration? (3 correct)

1.) targets
2.) config
3.) routes
4.) routing

<div align="right">

Correct Answer: 1,2,3

</div>

Question: 125

What impact does SAP Fiori have on business? (3 correct)

1.) Simplification
2.) Re-imagines processes
3.) User centered
4.) Web and open standards
5.) Digitization

<div align="right">

Correct Answer: 1,2,5

</div>

Question: 126

Why is it advisable to not use a custom CSS file in your SAP UI5 applications?

1.)   Time spent designing modified CSS is expensive.
2.)   SAPUI5 has problems with custom CSS
3.)   Having one central design created with the theme designed is every efficient. When something needs to be changed at the client interface, it is easier to handle.

Correct Answer: 3

Question: 127

What transaction is used to create an semantic object for customer configuration?

1.)   /UI5/LPD_CUST
2.)   /UI5/SEMOBJ
3.)   /UI2/SEMOBJ
4.)   SU01
5.)   PFCG

Correct Answer: 3

Explaination:
https://help.sap.com/docs/UI_ADD-ON_FOR_SAP_NETWEAVER_20/17ae0e97e0fc424a9c368f350c0ba6bd/609c84bbacb04fd8a17bdb5da742815f.html

Question: 128

Which type of application can use the dynamic page layout?

1.)   The layout is deprecated, which means you should not use the layout anymore.
2.)   You can use the dynamic page layout of any kind of application
3.)   The dynamic page layout is only used for analytical applications?
4.)   The layout is only used for master-detail scenario

Correct Answer: 2

Explaination:
https://experience.sap.com/fiori-design-web/dynamic-page-layout/

Question: 129

What is the idea behind the golden rule of having one common UX?

1.)   Reduce the overall total cost of ownership.
2.)   Reduces development costs
3.)   Reduces training costs and increases the quality of data

Correct Answer: 3

Question: 130

What three key aspects are important when talking about innovation? (3 correct)

1.) Feasibility
2.) Scalability
3.) Desirability
4.) Viability

Correct Answer: 1,3,4

Question: 131

How many columns are supported by the flexible column layout?

1.) 1
2.) 2
3.) 5
4.) 3
5.) 4

Correct Answer: 4

Explaination:
https://experience.sap.com/fiori-design-web/flexible-column-layout/#:~:text=The%20flexible%20column%20layout%20is,1%2C%202%2C%203

Question: 132

What main aspects does the developer have to configure for a sap.viz.ui5.controls.VizFrame control? (4 correct)

1.) DimensionDefinition
2.) Feed
3.) MeasureDefinition
4.) Dataset
5.) Datacontainer

Correct Answer: 1,2,3,4

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/api/sap.viz.ui5.controls.VizFrame%23controlProperties

Question: 133

Which of the following can be used for usability assessment? (3 correct)

1.) Heuristic evaluaton
2.) Questionnaires
3.) User observation
4.) User testing

Correct Answer: 1,2,4

Question: 134

What factors are key to user experience with user assistance? (3 correct)

1.) Confusing
2.) Seamless
3.) Instant
4.) Error prone
5.) Context-sensitive

Correct Answer: 2,3,5

Question: 135

When do you not use the overview page floorplan? (3 correct)

1.) You just represent one application and less than three cards.
2.) You want to display a collection of items and process them or delegate them to someone else.
3.) A high-level or birds-eye view of an application content is sufficient.
4.) You want to show information about one object only. In this case, use the object page instead.

Correct Answer: 1,3,4

Explaination:
https://experience.sap.com/fiori-design-web/overview-page/#when-to-use

Question: 136

What are the key aspects of SAP's UX strategy? (3 correct)

1.) SAP screen personas
2.) Architecture and Technology
3.) New/Renew/Enablement
4.) Design strategy
5.) New/Renew/Empower

Correct Answer: 2,4,5

Question: 137

Which of the following should you avoid with regard to golden rule "Every SAP Fiori app must run as a web app"? (4 correct)

1.) Absolute URLs generated in front or back-end
2.) Hard dependancies between apps
3.) Use of platform-specific functionality without availability check
4.) Using SAPUI5
5.) Calling UI2 services directly instead of using APIs

Correct Answer: 1,2,3,5

Question: 138

Since when is the Split-Screen layout deprecated?

1.) 1.48
2.) 1.42
3.) 1.44
4.) 1.46
5.) 1.5

Correct Answer: 1

Explaination:
https://experience.sap.com/fiori-design-web/v1-46/master-list/

Question: 139

What are the tasks of the controller in the Model-View-Controller implementation? (2 correct)

1.) Holds the business data
2.) Contains the UI implementation
3.) Modifies the model
4.) Modifies the view via API
5.) Updates using data binding

Correct Answer: 3,4

Explaination:
https://help.sap.com/doc/saphelp_nw74/7.4.16/en-us/4c/3fd284a2a54f8be10000000a42189b/content.htm?no_cache=true

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Question: 140

What happens if the text is not available in the customized bundle of your extension?

1.) The key will display in the application in capital letters.
2.) No text is displayed
3.) SAP UI5 tries to find the text in the resource bundle of the standard application.
4.) An exception is raised

Correct Answer: 3

Explaination:
https://help.sap.com/docs/SAP_NETWEAVER_AS_ABAP_FOR_SOH_740/468a97775123488ab3345a0c48cadd8f/91f385926f4d1014b6dd926db0e91070.html?version=7.40.19

Question: 141

What are the main artefacts of an SAPUI5 application? (3 correct)

1.) CSS
2.) Controllers
3.) Views
4.) controls
5.) Models

<p style="text-align:right"><strong style="color:green">Correct Answer: 2,3,5</p>

Question: 142

What does effectiveness mean in the relation to user interface?

1.)   The comfort and acceptability of the work system to its users and other people affected by its use
2.)   The accuracy and completeness with which specific users can achieve specified goals in specific environments
3.)   The resource expended in relation to the accuracy and completeness of goals achieved

<p style="text-align:right"><strong style="color:green">Correct Answer: 2</p>

Question: 143

What is described as the person's perceptions and response that result from the use or anticipated use of a product, system or service?

1.)   Usability
2.)   User experience
3.)   User interface
4.)   User acceptance

<p style="text-align:right"><strong style="color:green">Correct Answer: 2</p>

Question: 144

The SAP Fiori Design Guidelines are available for various device types. For what device types are the design guidelines available? (3 correct)

1.)   SAP Fiori for Blackberry
2.)   SAP Fiori for Windows
3.)   SAP Fiori for Web
4.)   SAP Fiori for Android
5.)   SAP Fiori for iOS

Explaination:
https://experience.sap.com/fiori-design/

Question: 145

Which different app types can be found in SAP Fiori? (2 correct)

1.) Conceptual
2.) Infrastructural
3.) Technical
4.) Mobile
5.) Industrial

Question: 146

Which of the following statements are correct with respect to the SAP Web IDE? (2 correct)

1.) SAP web IDE is a development environment for SAP ABAP.
2.) SAP web IDE is a browser-based development environment.
3.) SAP web IDE provides application templates as a foundation of highly efficient app development.

Question: 147

What is true of the SAP Cloud Platform Web IDE for full-stack development? (2 correct)

1.) It is released with SAP HANA SPS's.
2.) It requires zero Installation.
3.) There are twice weekly updates.
4.) It is included with SAP HANA express edition.

Question: 148

What UI control can be used to define a hook to extend an application?

1.) sap.comp.ExtendControl
2.) sap.m.Extend
3.) sap.ui.core.Extend
4.) sap.ui.core.ExtensionPoint

Correct Answer: 4

Explaination:
https://blogs.sap.com/2020/02/13/how-to-extend-a-standard-sapui5-control/

Question: 149

Which application in SAP Fiori launchpad helps the user to find applications that are available to user?

1.) Application finder
2.) Tile finder
3.) Fiori AppSerach
4.) Fiori Designer

Correct Answer: 1

Explaination:
https://experience.sap.com/fiori-design-web/app-finder/

Question: 150

What steps needs to be done in manifest.json if you need to hide variant function in a list report? (2 correct)

1.) Add setting to enable smart Variant Management.
2.) Set setting variantManagementHidden to true.
3.) Set setting showVariantManagement to false.
4.) Add setting to disable smart Variant Management.

Correct Answer: 1,2

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/094fe8c8d8ac4f0eb4724b1a52d2ad61.html

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Question: 151

What are the limitations of publishing CDS as OData service by adding a @OData.publish:true? (3 correct)

1.) Can not change names of entity sets.
2.) No customized ABAP code in SAP Gateway.
3.) Only 1 level is taken into consideration when exposing associations.
4.) Can not expose associations.

Correct Answer: 1,2,3

Question: 152

What are the features of Fiori Elements? (3 correct)

1.) A replacement for traditional free style SAPUI5 programming, can satisfy all customer needs in a brand new approach.
2.) Centrally Provided Templates covering Reporting, Analytic, Transaction scenarios.
3.) No JavaScript UI Coding.
4.) Metadata-driven approach of Fiori development.

Correct Answer: 2,3,4

Explaination:
https://experience.sap.com/fiori-design-web/smart-templates/#:~:text=Related%20Links-,Intro,latest%20SAP%20Fiori%20design%20guidelines

Question: 153

In which base class implementation is the setModel function implemented?

1.) sap.ui.base.ManagedObject
2.) sap.ui.base.Object
3.) sap.ui.model.base.BaseModel
4.) sap.ui.base.Interface

Correct Answer: 1

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/api/sap.ui.base.ManagedObject%23constructor

Question: 154

Which types are supported as header facets for an object page? (3 correct)

1.) Smart Chart Facet
2.) Plan Text Facet
3.) Rating Indicator Facet
4.) Field Group Facet

Correct Answer: 2,3,4

Explaination:
https://experience.sap.com/fiori-design-web/object-page/

Question: 155

Which of following steps are needed to create an association in CDS and expose it? (2 correct)

1.) Declare an association using "association to" statement.
2.) Declare an association using "left outer join" statement.
3.) Expose the association by writing its name in projection list.
4.) Expose fields in the association by writing each field in projection list.

Correct Answer: 1,3

Explaination:
https://blogs.sap.com/2019/10/30/part8.-cds-views-joins-and-associations/

Question: 156

What goals does the SAPUI5 framework have? (2 correct)

1.) Providing a lightweight programming model for desktop only applications.
2.) Providing an extensible framework for building desktop and mobile applications.
3.) User Interface technology for building and adapting server based applications.
4.) User Interface technology for building and adapting client applications.

Correct Answer: 2,4

Explaination:
https://sapui5.hana.ondemand.com/

Question: 157

Which of following templates display only one business entity?

1.) Overview Page
2.) Object Page
3.) Analytic List Page
4.) List Report

Correct Answer: 2

Explaination:
https://experience.sap.com/fiori-design-web/object-page/

Question: 158

The combination of Term/Target is unique, that means for an Entity or a field, every term can be used only once.

1.) TRUE
2.) FALSE

Question: 159

Why does it make sense to use the navigation API of SAPUI5 and concepts such as eventbus or the navcontainer functions of the base application? (2 correct)

1.) Using the navigation API, the configuration of routes and targets are clearly separated from the application implementation.
2.) The eventbus concept is deprecated and should no longer be used.
3.) The NavContainer of the App object is not accessible inside a component-based app.
4.) Using the navigation API, it is possible to use bookmarks.

Correct Answer: 1,4

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/1b6dcd39a6a74f528b27ddb22f15af0d

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Question: 160

Which control is used in the index.html file to support letterboxing if required?

1.) sap.m.Shell
2.) sap.ui.core.View
3.) sap.ui.core.ComponentContainer
4.) sap.ui.core.Component

Correct Answer: 1

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/api/sap.m.Shell

Question: 161

What can you do by editing manifest.json? (2 correct)

1.) Define facets on Object Page.
2.) Add object pages as sub page under an object page.
3.) Disable object page.
4.) Disable List Report.

Correct Answer: 2,3

Question: 162

From which control does the sap.m.App control inherit navigation capabilities?

1.) sap.m.NavContainer
2.) sap.ui.core.NavContainer
3.) sap.m.NavigationContainer

Correct Answer: 1

Question: 163

What is the use of the annotation @UI.hidden?

1.) Not expose these fields as a property of OData service.
2.) Create a invisible column to save the value in a hidden control of HTML.
3.) Prevent a column from display on the UI.
4.) Prevent a column selected by user when customizing table settings.

Correct Answer: 4

Question: 164

In an overview page, all entity sets for cards have an association with the entity set for global filter, otherwise the filter will not work on the card.

1.) TRUE
2.) FALSE

Correct Answer: 2

Question: 165

In which cases, is a local annotation better than a CDS annotation? (2 correct)

1.)   Complex UI relevant annotations.
2.)   UI with data intensive.
3.)   You want to use annotations which are not support by your current ABAP version.
4.)   Annotations is for 1 field.

Correct Answer: 1,3

Question: 166

What approach gives you the most flexibility for your SAPUI5 app?

1.)   Implement complex UIs in the index.html file.
2.)   Using a view-only based approach.
3.)   Using a component-based approach.
4.)   Using a controller-based approach.

Correct Answer: 3

Explaination:
https://blogs.sap.com/2020/06/21/component-based-development-in-ui5/

Question: 167

What are the differences between analytical entity set and normal entity set from an OData consumer perspective? (3 correct)

1.)   Analyzes the use of the database and runs faster when SAP HANA is used as database compared to a normal entity set.
2.)   The Analytical entity set, returns all data, needed to analyze the client.
3.)   The Analytical entity set, returns summarized results according to the $select parameter.
4.)   The Analytical entity set, generates a new field for primary key.

Correct Answer: 1,2,4

Question: 168

Choose available options for creating a value help for a selection field. (2 correct)

1.)   If the domain which associates to the field, has a fixed value, the value help will be generated automatically.
2.)   By adding a value help annotation.
3.)   By adding a foreign key annotation.
4.)   By adding annotations to list all possible in source code of CDS.

Explaination:

Question: 169

How can you hide some columns when the list report is accessed by a mobile phone?

1.) Prepare a different version of @UI.lineItem and assign them as adifferent qualifier.
2.) Add @UI.hidden for fields. not import.
3.) Set UI.lineItem.importance for those fields as #LOW or @Medium.
4.) Put all fields, which are not important at the end of the report, when screen gets smaller, the fields will hide automatically.

Explaination:

Question: 170

Using S/4 HANA 1610 with ABAP 7.51, which of following templates can you use for Fiori Element? (3 correct)

1.) Analytic List Page
2.) Object Page
3.) Overview Page
4.) List Report

Question: 171

How do you set a field as the title for a business entity?

1.) Add @UI.headerInfo.title annotation for that field.
2.) Add @UI.headerInfo.title for the CDS view and reference it to the field.
3.) Add @UI.title annotation for that field.
4.) Add @UI.headerInfo.title.value for the CDS view and reference it to the field.

What is SAP Kapsel? (2 correct)

1.) SAP specific plug-in for Apple iOS
2.) SAP specific plug-in for Android
3.) SAP specific plug-in for Cordova
4.) SAP Kapsel provides the API to interact from Cordova based web applications to SMP3 and software cloud platforms.

Correct Answer: 3,4

Explaination:
https://help.sap.com/docs/SAP_MOBILE_PLATFORM_SDK_31/42dc90f1e1ed45d9aafad60c80646d10/7c041aaa7006101481a7fc662daecd3f.html?version=3.1.1

Question: 173

Which of the following types are types of cards in an Overview Page? (4 correct)

1.) List Cards
2.) Analytic Cards
3.) Link List Cards
4.) Array cards
5.) Table Cards

Correct Answer: 1,2,3,5

Explaination:
https://experience.sap.com/fiori-design-web/overview-page-card/

Question: 174

Fiori Elements support write operations, if the backend service is written by CDS working with BOPF.

1.) TRUE
2.) FALSE

Correct Answer: 1

Question: 175

When running a list report, users can only filter data using fields provided as selection fields by developer.

1.) FALSE
2.) TRUE

Correct Answer: 1

Question: 176

The CDS annotation @UI.facet is used to: (3 correct)

1.) Create a reference under collection facet.
2.) Create a collection facet, which is displayed as section.
3.) Create content, like field groups, or charts for a Facet.
4.) Create a Header Facet.

Correct Answer: 1,2,4

Explaination:
https://www.samplecodeabap.com/cds-fiori-elements-object-page-facets/

Question: 177

Which binding modes are supported by SAPUI5? (3 correct)

1.) One-way
2.) Single-time-only
3.) Two-way
4.) Once
5.) One-time

Correct Answer: 1,3,5

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/68b9644a253741e8a4b9e4279a35c247.html

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Question: 178

What configuration steps are necessary to define a navigation route? (3 correct)

1.) Activate routing in the sap.app.
2.) Configure a target.
3.) Assign at least one target to the route.
4.) Configure a route in the manifest.json file.

Correct Answer: 2,3,4

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/3d18f20bd2294228acb6910d8e8a5fb5.html

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Question: 179

What property is used in the manifest file, to configure how the selection and presentation variants display using a single variant management area?

1.) variantManagement
2.) allowSmartVariantManagement
3.) smartVariantManagement

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/06a4c3ac1cf545a7b51864e7f3aa02da.html

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Question: 180

Which OData versions are currently supported by SAPUI5? (2 correct)

1.) OData V2
2.) OData V5
3.) OData V7
4.) OData V4

Correct Answer: 1,4

Explaination:
https://podcast.opensap.info/ui5-newscast/2022/05/18/ui5-newscast-026-how-to-deal-with-odata-in-ui5/#:~:text=The%20OData%20(Open%20Data)%20model,in%20a%20given%20model%20implementation

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Question: 181

Which info will be used for creating a destination in SAP Cloud Platform for Fiori Elements development?

1.) Internal name in SAP Could Connector.
2.) Internal address of SAP Backend Server.
3.) External name in SAP Cloud Connector.
4.) Virtual name in SAP Cloud Connector.

Correct Answer: 4

Explaination:
https://help.sap.com/docs/CP_FORMS_BY_ADOBE/6d3eac5a9e3144a7b43932a1078c7628/f80ca2ed71a844498073ff5692b5036f.html

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Question: 182

What steps are part of the discover phase in the DLD? (3 correct)

1.) Test
2.) Synthesize
3.) Research
4.) Scope
5.) Implement

Correct Answer: 2,3,4

Explaination:
https://blogs.sap.com/2017/03/01/discover-the-unknown-phase-1-of-the-dld-process/#:~:text=The%20first%20phase%20of%20the,the%20same%20level%20of%20knowledge

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Question: 183

Which of the following properties are relevant to the type of facet? (2 correct)

1.) type
2.) targetQualifier
3.) purpose
4.) parentId

Correct Answer: 1,3

Question: 184

What are the options for external navigation? (3 correct)

1.) Navigation to URL (As a button).
2.) Navigation to Intent (As a link).
3.) Navigation to Intent (As a button).
4.) Navigation to URL (As a link).

Correct Answer: 2,3,4

Explaination:
https://experience.sap.com/fiori-design-web/navigation/

Question: 185

@OData.publish is used to publish CDS view as OData?

1.) TRUE
2.) FALSE

Correct Answer: 1

Question: 186

What are the current SAP UI Tools? (3 correct)

1.) SAPUI5 Application Development Tools
2.) Flexible UI Designer
3.) SAP NetWeaver Gateway
4.) SAP Screen Personas
5.) SAP NetWeaver Portal

Correct Answer: 1,2,4

Question: 187

To add a header facet, you should use @UI.HeaderFacet annotation and put it before the define statement of your CDS view.

1.) TRUE
2.) FALSE

Correct Answer: 2

Question: 188

Which of the following layouts, are described in version 1.48 of the Guidelines? (2 correct)

1.)   MobileDeviceLayout
2.)   Split-Screen
3.)   Flexible Column Layout
4.)   Dynamic Page
5.)   Full-Screen

Correct Answer: 3,4

Explaination:

https://experience.sap.com/fiori-design-web/v1-48/whats-new/

Question: 189

When creating a CDS view, the SQL view name and view name for CDS must be identical.

1.)   TRUE
2.)   FALSE

Correct Answer: 2

Question: 190

Which of following description about search field is NOT true?

1.)   There is only 1 search field per list report.
2.)   Search field searches for only 1 data field.
3.)   Search field support fuzzy search.
4.)   The Search field is searching on more than one data field.

Correct Answer: 2

Explaination:
https://experience.sap.com/fiori-design-web/search/#:~:text=Use%20a%20search%20field%20(%20sap,a%20given%20amount%20of%20information

Question: 191

Which areas are part of an Analytic List Page? (3 correct)

1.)   Content Area
2.) Selection Fields
3.)   Title Area
4.)   Visual Filters

Correct Answer: 1,3,4

Explaination:
https://experience.sap.com/fiori-design-web/analytical-list-page/#:~:text=The%20analytical%20list%20page%20(ALP,done%20seamlessly%20within%20one%20page.

Question: 192

What steps are used to display a field as a rating indicator? (2 correct)

1.)   Set the visualization of line item to #RATING.
2.)   Add a @UI.datapoint to the field and set visualization to #RATING.
3.)   Add a @UI.chart annotation to the field and set visualization to #RATING.
4.)   Set type of line item to #AS_DATAPOINT.

Explaination:
https://www.samplecodeabap.com/fiori-elements-list-report-visualising-data-rating-indicator/

Question: 193

What are the current UI Technologies of SAP? (3 correct)

1.)   Web Dynpro ABAP / Floorplan Manager
2.)   Java Server Pages
3.)   Dynpro
4.)   SAPUI5
5.)   Business Server Pages

Correct Answer: 1,3,4

Question: 194

Which of the following information about an OData service should be provided as an annotation?

1.)   The entities of an OData service.
2.)   The position for each field in a list report.
3.)   Data type for each property in an Entity Set/ Connection.
4.)   Properties of an Entity Set/Collection.

Correct Answer: 2

Question: 195

Is it true to say that the sap.m.App control does not provide responsive behavior?

1.)   No, that is not true. The sap.m.App control provides responsive behavior.
2.)   It depends on the SAPUI5 version. From version 1.30 and later, the sap.m.App control provides responsive behavior.
3.)   That is true, the sap.m.App control does not provide responsive behavior.

Correct Answer: 1

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/api/sap.m.App%23methods/Summary

Question: 196

If your backend system is based on ABAP 7.50, which are available ways of using facets? (2 correct)

1.) It is not possible to use facets in ABAP 7.50.
2.) Declare both: field group and facet as local annotation using WebIDE.
3.) Declare field group in CDS view, declare facets as local annotation using WebIDE.
4.) Declare both: field groups and facets in CDS view.

Correct Answer: 2,3

Question: 197

Which of the following are best practices when developing a SAPUI5 app? (4 correct)

1.) Use an asynchronous model definition in your JavaScript code.
2.) Describe your app using a set of metadata.
3.) Use the Synchronous Model Definition (SMD) syntax.
4.) Minimize the code in the index.html file.
5.) Make use of patterns.

Correct Answer: 1,2,4,5

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/eaeea19a991d46f29e6d8d8827317d0e.html

Question: 198

In an Analytic List Page, the user can filter data by clicking some points in the chart.

1.) FALSE
2.) TRUE

Correct Answer: 2

Question: 199

What steps are part of the design phase in the DLD? (3 correct)

1.) Test
2.) Validate
3.) Prototype
4.) Scope
5.) Ideate

Correct Answer: 2,3,5

Explaination:
https://blogs.sap.com/2017/03/01/design-to-delight-phase-2-of-the-dld-process/#:~:text=The%20design%20phase%20continues%20true,and%20ultimately%2C%20the%20user%20experience.

Question: 200

Which function do you call on the ODataModel to trigger a deep insert?

1.) create
2.) insertDeep
3.) createDeep
4.) updateDeep

<div style="text-align:right">Correct Answer: 1</div>

Question: 201

Which function must be called inside a control renderer to add the control ID to the DOM tree and support eventing?

1.) writeIcon
2.) writeControlData
3.) write
4.) writeClasses

<div style="text-align:right">Correct Answer: 2</div>

Question: 202

Which modes are provided by the sap.m.SplitAppMode enumeration? (3 correct)

1.) ShowHideMode
2.) StretchCompressMode
3.) HideShowMode
4.) ShrinkCozyMode
5.) PopoverMode

<div style="text-align:right">Correct Answer: 1,2,5</div>

Question: 203

When do you need to work with local data? (2 correct)

1.) When you want to reduce the complexity of your application.
2.) When working with static data.
3.) To perform a quick test without creating live entities on the back-end server.
4.) When performance is poor in the productive system.

<div style="text-align:right">Correct Answer: 2,3</div>

Question: 204

What query option is needed to access the data of an entity in the JSON format?

1.) format=json
2.) $json
3.) $format=json

Correct Answer: 3

Question: 205

What message types are known to SAPUI5? (2 correct)

1.) UI message
2.) Server message
3.) Control message
4.) Log message

Correct Answer: 2,3

Question: 206

Which of the following statements are true with respect to QUnit? (3 correct)

1.) QUnit is a JavaScript unit and integration test framework.
2.) Is capable of testing any generic JavaScript code.
3.) Supports asynchronous tests out-of-the-box.
4.) Supports only synchronous testing out of the box.

Correct Answer: 1,2,3

Question: 207

Which UI annotation is used to declare a field for the smart filter template?

1.) UI.selectionField
2.) UI.searchField
3.) UI.finderField
4.) UI.filterField

Correct Answer: 1

Question: 208

Which aggregation is used to overwrite the standard behavior of a SmartField control.

1.) configure
2.) overwrite
3.) extension

Correct Answer: 1

Question: 209

Where is the best place to store local data when using the SAP Web IDE? (2 correct)

1.) In the mockdata folder.
2.) In the localService folder.
3.) In the models folder.

Correct Answer: 1,2

Question: 210

Which of the following best describes a commit?

1.) With every commit, GIT takes a snapshot of the current state of the underlying files.
2.) With every commit, GIT create a new branch.
3.) A commit in GIT is a local operation.
4.) With every commit, a new local repository is created.

Correct Answer: 1

Question: 211

Is it possible to add an extension point in the component implementation?

1.) No
2.) Yes
3.) It depends on the type of component.

Correct Answer: 1

Question: 212

To what namespace is the ExtensionPoint class assigned?

1.) sap.ui.extension
2.) sap.m
3.) sap.ui.core.extension
4.) sap.ui.core

Question: 213

Which of the following statements are true with regard to OPA5? (3 correct)

1.) Is a view controller test framework.
2.) Can be used for user interaction tests.
3.) Provides the possibility to test navigation.
4.) Can be used for SAPUI5 integration tests.

Question: 214

Which file contains the initialization code for the UI library?

1.) lib.dll
2.) library.js
3.) library.load.js
4.) loadlibrary.js

Question: 215

What are the two aggregations provided by sap.m.SplitApp control to add page implementations? (2 correct)

1.) detail
2.) masterPages
3.) mainPages
4.) infoPages
5.) detailPages

Question: 216

How is the extension type called to hide UI controls?

1.) Element modification
2.) Control replacement
3.) Control modification
4.) View modification

Correct Answer: 4

Question: 217

What method must be implemented on the back end to support deep inserts?

1.) INSERT_ENTITY_DEEP
2.) CREATE_ENTITY_DEEP
3.) APPLY_DEEP_ENTITY
4.) CREATE_DEEP_ENTITY

Correct Answer: 4

Question: 218

What is the best approach to showing a UI control on a desktop only, and not on a mobile device?

1.) Use the Device API to check the environment and call setVisible on the UI control.
2.) Use the UI control from sap.ui.commons. These UI controls can handle this automatically.
3.) Use the standard CSS class sapUiVisibleOnlyOnDesktop.

Correct Answer: 3

Question: 219

Which UI annotation is used in the object page to display the object header?

1.) UI.headerObject
2.) UI.headerInfo
3.) UI.header
4.) UI.objectheader

<p style="text-align: right; color: green;">Correct Answer: 2</p>

Question: 220

When is the use of a master-detail pattern not recommended? (2 correct)

1.) You want to display a single object.
2.) When you want to display different facets of the same object, data, or both.
3.) You need to offer complex filters for the master list of items.

<p style="text-align: right; color: green;">Correct Answer: 2,3</p>

Question: 221

Which of the following describe benefits of SAP Fiori elements? (2 correct)

1.) Consistent UI design.
2.) Less support effort.
3.) Full control of the of the generated code at design time.
4.) Flexibility and freedom in UI design.

<p style="text-align: right; color: green;">Correct Answer: 1,2</p>

Question: 222

What parameter must you provide when calling the simulate function of the mock server?

1.) The full qualified path to the model and the URI for the service document.
2.) The autoRespondAfter parameter and the full qualified path to the local metadata file.
3.) The full qualified path to the local metadata file and the folder where the model data are stored locally.

<p style="text-align: right; color: green;">Correct Answer: 3</p>

Question: 223

Which of the following statements are true with regard to implementing your own renderer? (3 correct)

1.) Implement a renderer class, derived from sap.ui.core.Renderer, in a separate file.
2.) Assign a reference to the renderer property of the UI control.
3.) Implement the render function inside the control.
4.) Implement the renderer using AMD syntax.

Correct Answer: 1,2,4

Question: 224

What layout control is used to achieve flexible and responsive layouts?

1.) Splitter
2.) VerticalLayout
3.) Grid
4.) FlexBox

Correct Answer: 3

Question: 225

What method is called inside the library.js file?

1.) sap.ui.getCore().initLibrary
2.) sap.ui.getCore().registerLibrary
3.) sap.ui.getCore().runLibrary
4.) sap.ui.getCore().loadLibrary

Correct Answer: 1

Question: 226

You want to define a property with the name width to enhance a standard UI5 control. The property should hold the current width of the UI control. What is the best approach to defining the type of such a property?

1.) Define the property width of the type sap.ui.core.type.CSSSize.
2.) Define the property width of the type sap.ui.core.Integer.
3.) Define the property width of the type string.
4.) Define the property width of the type sap.ui.core.CSSSize.

Correct Answer: 4

Question: 227

How does the OData Model handle XSRF tokens?

1.) The OData Model fetches the token for each request and sends the token automatically with each request.
2.) The OData Model does not handle XSRF-tokens. The developer must implement token handling.
3.) The OData Model fetches the token when reading the metadata and sends the token automatically in each write request header.

Correct Answer: 3

Question: 228

What is returned by the function createEntry?

1.) The ID of the newly created entity.
2.) A binding context object.
3.) A newly created object in JSON-format.

Correct Answer: 2

Question: 229

What types of extensions/replacements are supported by SAPUI5? (4 correct)

1.) Manifest.json replacement
2.) Implement UI Controller Hooks
3.) View modification
4.) Component replacement
5.) View replacement
6.) Replace service

Correct Answer: 2,3,5,6

Question: 230

What are the different content densities provided by SAPUI5? (3 correct)

1.) cozy
2.) condensed
3.) large
4.) strict
5.) compact

Correct Answer: 1,2,5

Question: 231

What is the name of the aggregation of the sap.m.App control, or more precisely the name of the sap.m.NavContainer control, in which UI controls are aggregated?

1.) pages
2.) masterPages
3.) fullPages
4.) detailPages

Correct Answer: 1

Question: 232

What is the namespace in which the smart controls are bundled?

1.) sap.ui.smart
2.) sap.ui.comp
3.) sap.m

Correct Answer: 2

Question: 233

What parameter is needed when instantiating a MockServer object?

1.) uri
2.) url
3.) rootUri
4.) rootUrl

Correct Answer: 3

Question: 234

How do you access the MessageManager?

1.) Each UI control provides a function to access the MessageManager.
2.) It is a singleton and can be accessed by the getMessageManager function on the core object.
3.) You have to instantiate the MessageManager using the constructor function.

Correct Answer: 2

Question: 235

Does QUnit support SAPUI5 view tests?

1.) You can use the QUnit-extensions, called Selenium, to test SAPUI5 controls.
2.) Yes, you can implement a test class to test UI aspects of SAPUI5.
3.) No, for UI tests you must use OPA5.

Correct Answer: 3

Question: 236

In which state are the files in GIT when a remote repository is cloned? (3 correct)

1.) Staged and modified
2.) Tracked and staged
3.) Tracked and unmodified
4.) Modified and tracked

Correct Answer: 1,3,4

Question: 237

What is the base class for all UI controls in SAPUI5?

1.) sap.ui.Control
2.) sap.ui.core.Control
3.) sap.ui.base.Control
4.) sap.ui.Element

Correct Answer: 2

Question: 238

What is meant by the phrase "SAPUI5 supports modification free enhancements"?

1.)   SAP provides a service in the cloud to generate an enhanced application using aspect-oriented programming.
2.) The developer must create a copy of the application that should be enhanced and the enhancement is done in the copy.
3.)   The delivered standard application remains unchanged and hence the extension is considered to be modification free.

Correct Answer: 3

Question: 239

Which of the following SAP Fiori element based UIs are currently available? (3 correct)

1.)   Wizard Form
2.)   List Report
3.)   Master-Detail
4.)   Object Page
5.)   Overview Pages

Correct Answer: 2,4,5

Question: 240

Which of the following statements are true for SAP Fiori elements? (2 correct)

1.)   Heavy UI coding is necessary when working with SAP Fiori Elements.
2.)   Apps are based on OData services and annotations.
3.)   SAP Fiori elements provide designs for UI patterns and predefined templates.

Correct Answer: 2,3

Question: 241

What class in the SAPUI5 API supports back-end mock up and is recommended by SAP?

1.)   sap.ui.core.util.MockServer
2.)   sap.ui.app.MockServer
3.)   sap.ui.core.MockServer
4.)   sap.m.MockServer

Question: 242

How can a renderer access the associated elements?

1.) SAPUI5 provides functions to access all properties, associations, and aggregations.
2.) The developer must define a property method in the control metadata and declare the access control.
3.) The developer must implement an appropriate function to access the elements.

Correct Answer: 1

Question: 243

Which of the following are the main states of a file in GIT? (3 correct)

1.) Committed
2.) Modified
3.) Released
4.) Changed

Correct Answer: 1,2,4

Question: 244

Which of the following aspects are true for a SAPUI5 UI element? (3 correct)

1.) A UI element has an API.
2.) A UI element can have events.
3.) A UI element does not have a renderer.
4.) A UI element has a renderer.

Correct Answer: 1,2,3

Question: 245

When do you use deep insert?

1.)   When working with aggregation binding to update / insert an entity in the bound complex structure.
2.) When adding a new entity to an entity set.
3.)   When working with hierarchical data where the data can only be stored in the full hierarchy.

<div align="right">**Correct Answer: 3**</div>

Question: 246

What aspects of the runtime environment can be accessed by the Device API of SAPUI5? (4 correct)

1.)   Screen size
2.)   Orientation change
3.)   Operating system
4.)   Touch-specific features
5.)   Language

<div align="right">**Correct Answer: 1,2,3,4**</div>

Question: 247

In what configuration area of the manifest.json file can you activate automatic message creation?

1.)   sap.ui
2.) sap.app
3.)   sap.ui5

<div align="right">**Correct Answer: 3**</div>

Question: 248

When you implement a controller extension and you implement the onInit and onAfterRendering functions in the extension, when are they called?

1.)   After the corresponding functions form the standard controller.
2.)   Before the corresponding functions from the standard controller.
3.)   Only the functions of the controller extensions are called.

<div align="right">**Correct Answer: 1**</div>

Question: 249

What type of concurrency control is offered by OData?

1.) No concurrency control
2.) Pessimistic concurrency control
3.) Optimistic concurrency control
4.) Exclusive concurrency control

Correct Answer: 3

Question: 250

Which file can you use to configure internal navigation for List Report and Object Page templates?

1.) index.html file
2.) manifest.json file
3.) OData annotation file
4.) vocabulary.xml file

Correct Answer: 2

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/2c65f07f44094012a511d6bd83f50f2d.html

Question: 251

Which control can you use to create responsive table-free layouts?

1.) sap.ui.layout.Grid Control
2.) sap.ui.layout.ResponsiveFlowLayout
3.) sap.ui.layout.VerticalLayout
4.) sap.ui.layout.HorizontalLayout

Correct Answer: 1

Explaination:
https://sapui5.hana.ondemand.com/#/entity/sap.ui.layout.Grid

Question: 252

Your customer asks you to add text for a new language to an app. Which file do you send to the translator?

1.) i18n.properties
2.) Master.view.xml
3.) Manifest.json
4.) Component.js

Correct Answer: 1

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/df86bfbeab0645e5b764ffa488ed57dc

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Question: 253

You are developing a complex screen and you use fragments. What features of fragments are useful here? (2 correct)

1.) Fragments are light-weight UI parts that can be reused.
2.) Fragments can be a stand-alone view
3.) Fragments can be found by the SAPUI5 runtime libraries.
4.) Fragments have their own controller.

Correct Answer: 1,2

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/4da72985139b4b83b5f1c1e0c0d2ed5a.html

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Question: 254

What type of navigation is used in SAP Fiori Launchpad applications?

1.) Action-based navigation
2.) Target-based navigation
3.) Scope-based navigation

Correct Answer: 1

Explaination:
https://help.sap.com/doc/saphelp_nw74/7.4.16/en-us/c8/2a9f6bc2454b46928315e45c0a5b7d/content.htm?no_cache=true

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Question: 255

An administrator wat to configure the SAP Fiori Launchpad for all users in one client for your S/4HANA 1809 landscape. Which of the following options represents the best way for the administrator to do this?

1.) Create a target mapping in a catalog and assign the catalog to all users using roles.
2.) Define settings using transaction /UI2/FLP_CUS_CONF.
3.) Define settings using transaction /UI2/FLP_SYS_CONF.
4.) Use the configuration file to define URL parameters to enable/disable features when starting the SAP Fiori Launchpad.

Correct Answer: 1

Question: 256

You want to create a business catalog for all employees that contains a standard SAP Fiori app. How would you do this?

1.) Reference the tile from Odata metadata
2.) Reference the tile from a Technical Catalog provided by SAP
3.) Reference the tile from a SAP Business Group
4.) Reference the tile from a SAP Business Catalog

Correct Answer: 3

Question: 257

In a SAP Fiori hub deployment, where is the SAPUI5 application code stored for a transactional app?

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

Correct Answer: 1

Question: 258

What options can you use to add UI annotations to a SAP Fiori Element Page? (3 correct)

1.) Add Annotation to the Annotation file present as a part of WeblDE project using Annotation modeler
2.) Add Annotations to the underlying CDS view
3.) Add Annotation to the underlying Database Table
4.) Add Annotations to the manifest file present as a part of WeblDE project using the Descriptor Edit
5.) Add Annotation with the help of a Metadata Extension

Correct Answer: 2,3,5

Question: 259

Which HTTP request methods does the SAP Gateway server use to compute and return a new eTag in a response header? (2 correct)

1.) POST
2.) DELETE
3.) PUT
4.) GET

Explaination:
https://answers.sap.com/questions/9855601/need-helpetag-in-netweaver-gateway-odata-services.html

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Question: 260

You need to configure an SAP Destination service to enable SAP Business Application Studio to extend an existing SAP Fiori app. Which configuration setting for the WeblDE Usage property is required?

1.) extend_abap
2.) odata_abap
3.) ui5_execute_abap
4.) dev_abap

Explaination:

Question: 261

Which features of the SAP Business Application Studio help you extend a standard SAP Fiori app? (2 correct)

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

Explaination:
https://help.sap.com/docs/SAP%20Business%20Application%20Studio/584e0bcbfd4a4aff91c815cefa0bce2d/ada9567b767941aba8d49fdb4fdedea7.html

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Question: 262

You created a new catalog that contains some apps. You want to assign these apps to an existing role to provide authorization for the business users. How can you do this using the PFCG transaction?

1.) By adding the semantic object to the catalog and group
2.) By adding the catalog to the menu tab of the role
3.) By assigning the authorization profile for the catalog in the authorization tab
4.) By adding the tile and target mapping to the group

Correct Answer: 2

Explaination:

https://blogs.sap.com/2019/03/15/sap-fiori-catalog-business-group-role-creation/

Question: 263

To which of the following does an SAP Fiori tile point to directly?

1.) An SAP Fiori app
2.) A target mapping with a semantic object and an action
3.) An action
4.) A semantic object

Correct Answer: 4

Explaination:

https://blogs.sap.com/2017/11/19/sap-fiori-ui5-app-configuration-in-sap-fiori-launchpad/

Question: 264

What are Technical Catalogs used for? (2 correct)

1.) To store tiles and target mappings by technology per solution area
2.) To reference tiles and target mappings according to Segregation of Duties for example a Purchaser, a Buyer and so on
3.) As a reference for Business Catalogs
4.) As a reference for Business Groups

Correct Answer: 1,3

Explaination:
https://help.sap.com/docs/ABAP_PLATFORM_NEW/a7b390faab1140c087b8926571e942b7/845a5491e0804e548cdc1ea41bdc0f11.html

Question: 265

Which of the following tile types can use an OData service to set the title properties?

1.) Semi-dynamic
2.) Dynamic
3.) Static

Correct Answer: 2

Explaination:
https://help.sap.com/docs/Portal_Service/ad4b9f0b14b0458cad9bd27bf435637d/6b8850963f4940d6877784ea3f36318a.html

Question: 266

Which of the following annotations would you use for a List Report Page? (2 correct)

1.) Use @UI.Iineitem.importance annotation to determine in which devices the field is displayed.
2.) Use @UI.selectionField annotation to define a fuzzy search field
3.) Use @Search.defaultSearchElement annotation to define input fields with value help.
4.) Use @UI.hidden annotation to hide the fields that are not to be displayed on a list report

Correct Answer: 1,2

Explaination:

Question: 267

Which of the following are features of the SAPUI5 SDK? (2 correct)

1.) Responsiveness across browsers on non-mobile devices only
2.) Interface for Web Dynpro
3.) Full translation support
4.) Feature-rich UI controls for handling complex UI patterns

Correct Answer: 1,4

Explaination:

Question: 268

You are developing SAP Fiori Elements applications. Which of the following actions are available in SAP Web IDE? (2 correct)

1.) Create an annotation file associated with the OData service and add annotations
2.) Add catalog to user menu in a PFCG role and grant the role to user
3.) Create a catalog, target mapping, and tiles
4.) Choose the OData service as data provider for the project

Correct Answer: 1,4

Explaination:

Question: 269

Which SAP Fiori application can you launch using the search function instead of a tile?

1.) Transactional
2.) Factsheet
3.) Analytical
4.) Legacy

Correct Answer: 2

Explaination:

Question: 270

What is the purpose of the SAP Cloud Connector?

1.) It connects the services of the SAP Cloud Platform and SAP Web IDE
2.) It connects the services of the SAP Cloud Platform and on-premise systems in the customers' network.
3.) It lists the search components and corresponding search models needed for the app.
4.) It allows the SAP Web IDE to connect to the on-premise system's Cordova development environment

Explaination:
https://help.sap.com/docs/CP_CONNECTIVITY/cca91383641e40ffbe03bdc78f00f681/e6c7616abb5710148cfcf3e75d96d596.html

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Question: 271

You need to securely connect the SAP Web IDE to an on-premise system. How does the SAP Cloud Connector help do this? (2 correct)

1.) It creates connectivity by a reverse-invoke process on the on-premise system.
2.) It supports custom destination API configuration and certificate inspection.
3.) It secures an SSL tunnel between the SAP Cloud and the on-premise system.
4.) It initiates a cloud-based reverse-invoke process.

Explaination:
https://blogs.sap.com/2019/07/11/steps-to-create-a-data-connection-between-a-sap-on-premise-system-and-web-ide-using-cloud-connector/#:~:text=Launch%20the%20Web%20IDE%20service,next%20screen%20and%20click%20next.
https://blogs.sap.com/2014/06/16/setting-up-river-rde-with-on-premise-system/

Question: 272

What are the advantages of Local Annotations Over SADL-based Annotations? (2 correct)

1.) Can Override the CDS based Annotations
2.) All the Framework-Specific Annotations available as a part of CDS views are also available as a part of Annotation Modeler, which makes it highly flexible
3.) Can handle Complex annotations which is not a bound to a single field or entity
4.) Local Annotations are more reusable as compared to SADL based annotations

Correct Answer: 1,4

Explaination:
https://www.amarmn.com/lessons/sadl-vs-local-annotation/

Question: 273

A business user is unable to find an application on the SAP Fiori Launchpad or on the App Finder. Which of the following options could explain why the tile is unavailable? (3 correct)

1.) The user does not have the proper PFCG role assigned to see the application or tile
2.) The catalogs assigned to the user do not contain the relevant application or tile.
3.) The end user is missing the required group containing the tile
4.) The target mapping for the tile is missing in the catalog
5.) The OData service authorization is missing

Correct Answer: 3,4,5

Question: 274

Which of the following floorplans also have a standard SAP Fiori Elements implementation available as a part of SAP Fiori 2.0? (3 correct)

1.) Analytical List Page
2.) Wizard
3.) Initial Page
4.) Overview Page
5.) List Report

Correct Answer: 1,4,5

Explaination:
https://experience.sap.com/fiori-design-web/analytical-list-page/
https://experience.sap.com/fiori-design-web/list-report-floorplan-sap-fiori-element/
https://experience.sap.com/fiori-design-web/overview-page/

Question: 275

What are Smart Controls?

1.) Basic SAPUI5 controls recommended for standalone usage
2.) SAPUI5 controls that can be rendered dynamically according to OData service annotations
3.) Application templates for SAPUI5 applications to optimize development
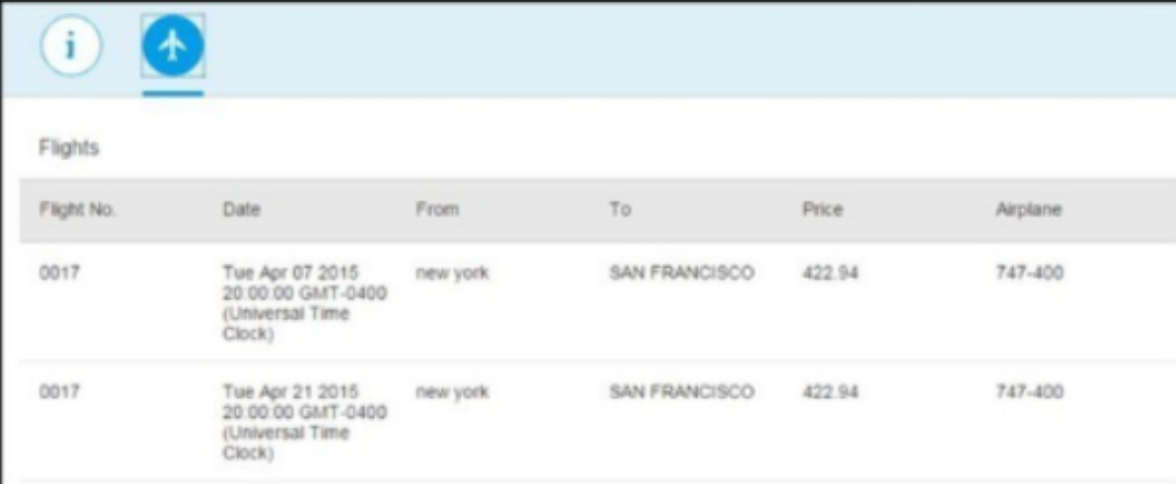4.) The predecessor of Smart Templates

Correct Answer: 3

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/64bde9a8879d4f418e2849f7285dd757.html

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Question: 276

Your customer requires an app to display flight information on a mobile device as detailed in the following screenshot for details. Which options can you use to display the same data in a readable format on a mobile device? (2 correct)

Flight No.	Date	From	To	Price	Airplane
0017	Tue Apr 07 2015 20:00:00 GMT-0400 (Universal Time Clock)	new york	SAN FRANCISCO	422.94	747-400
0017	Tue Apr 21 2015 20:00:00 GMT-0400 (Universal Time Clock)	new york	SAN FRANCISCO	422.94	747-400

1.) `Column:<column demandpopin="true" maxscreenwidth="mobile"></column>`
2.) `Column:<column demandpopin="true" maxscreenwidth="mobile" popindisplay="Inline"x/column>`
3.) `Column:<column demandpopin="true" minscreenwidth="tablet"x/column>`
4.) `Column:<column demandpopin="true" minscreenwidth="tablet" popindisplay="Inline"x/column>`

Correct Answer: 3,4

Question: 277

In a standard SAPUI5 project, which file is the Application Descriptor that contains the metadata description of the application?

1.) Index.html
2.) Neo-app.json
3.) Component.js
4.) Manifest.json

Correct Answer: 4

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/74038a52dcd7404e82b38be6d5fb1458.html

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Question: 278

What is the correct HTTP request method that is required to modify an ODATA resource?

1.) CHANGE
2.) PUT
3.) POST
4.) UPDATE

Correct Answer: 2

Explaination:
https://www.odata.org/documentation/odata-version-2-0/operations/#:~:text=Clients%20may%20use%20the%20PUT,format%20or%20in%20raw%20form

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Question: 279

What are catalog types in SAP Fiori? (3 correct)

1.) Tile
2.) Standard
3.) System
4.) Replicable
5.) None-typed

Correct Answer: 1,2,4

Question: 280

Your customer requires that the SAPUI5 design of all apps matches their corporate theme. Which of the following actions do you perform? (3 correct)

1.) Create a theme using the Theme Designer implementing the theme.
2.) Create a model using the Web IDE implementing the theme
3.) Reference the relevant artifacts in the bootstrap of the app.
4.) Create a ess file using the Web IDE implementing the theme.
5.) Create a module using the Web IDE implementing the theme.

Correct Answer: 1,3,4

Explaination:
https://blogs.sap.com/2013/09/19/create-and-apply-custom-theme-to-sapui5-application/

Question: 281

Which model supports deep inserts?

1.) OData model
2.) JSON model
3.) Resource model
4.) XML model

Correct Answer: 1

Explaination:
https://blogs.sap.com/2017/07/18/steps-to-create-deep-insert-odata/

Question: 282

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

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

Correct Answer: 2

Explaination:
https://blogs.sap.com/2022/11/14/dyi-how-to-design-and-prototype-fiori-applications-with-figma/
https://experience.sap.com/fiori-design-web/design-led-development-process-external/

Question: 283

In the data in the screenshot, you want to display the List of Companies in the Americas region. Which binding option do you use for the X, Y, and Z values in the view?

```
1   View:
2       <List id="myList"  items="{X}"
3           headerText="Companies" >
4           <DisplayListItem label="{Y}" value="{Z}" />
5       </List>
6
7   Data:
8       var data = {
9               regions: [
10                  {
11                      name: "Americas",
12                      companies : [
13                          {
14                              name : "Acme Inc.",
15                              city: "Belmont"
16                          },
17                          {
18                              name : "Beam Hdg.",
19                              city: "Hancock"
20                          }
21                      ]
22                  }
23              ]
24          };
25
```

1.) X:/regions/0/companies Y: name Z: city
2.) X:/regions/companies Y: name Z: city
3.) X:/regions/0/companies Y: companies/O/name Z: companies/O/city
4.) X:/regions/companies Y: companies/name Z: companies/city

Correct Answer: 1

Question: 284

What can you connect with the SAP Cloud Connector?

1.) SAP BTP services to on-premise systems in a customer's network
2.) SAP BTP services to SAP Business Application Studio
3.) SAP Business Application Studio to a Cordova development environment
4.) SAP API Business Hub to client devices

Correct Answer: 1

Explaination:
https://help.sap.com/docs/CP_CONNECTIVITY/cca91383641e40ffbe03bdc78f00f681/e6c7616abb5710148cfcf3e75d96d596.html

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Question: 285

You are modeling a new role for your SAP Fiori Launchpad users. Which of the following steps is an optional configuration step?

1.) Assign Catalog to Role
2.) Create Group and Assign Tile
3.) Create Catalog
4.) Create Tiles and Target Mappings

Correct Answer: 2

Question: 286

Which of the following can you use to extend an SAP Fiori Elements application? (2 correct)

1.) App extension
2.) Adaption extensions
3.) ABAP extension
4.) CDS extension

Correct Answer: 1,2

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/358cf2598d71462b8ac2bd8c944efbfd.html

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Question: 287

You need to bind data from a model to an SAPUI5 view control. Which of the following modes are valid? (3 correct)

1.) One-time binding
2.) Three-way binding
3.) Resource-model binding
4.) Two-way binding
5.) One-way binding

Correct Answer: 1,4,5

Explaination:
https://sapui5.hana.ondemand.com/sdk/#/topic/68b9644a253741e8a4b9e4279a35c247.html

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Question: 288

You finalized your SAPUI5 app development in the SAP Web IDE. What are the platforms available for deployment? (2 correct)

1.) Deploy to SAP Fiori launchpad
2.) Deploy to SAP Cloud Platform
3.) Deploy to SAPUI5 Java Repository
4.) Deploy to SAPUI5 ABAP Repository

Correct Answer: 2,4

Explaination:
https://help.sap.com/docs/SAP_Web_IDE/825270ffffe74d9f988a0f0066ad59f0/1170ef65b7b3490687021c3132387829.html
https://blogs.sap.com/2019/02/14/steps-to-deploy-a-simple-sapui5-application-in-cloud-platform-using-sap-web-ide/

You want to use transaction /UIZ/FLP to start the SAP Fiori Launchpad using the Web Dispatcher. Which database table do you use to configure this?

1.) HTTPURLLOC
2.) HTTP_CSP_MADMIN
3.) HTTP_WHITELIST
4.) HTTP_MADMIM.

Correct Answer: 1

Explaination:
https://help.sap.com/docs/SAP_NETWEAVER_731_BW_ABAP/8f60aa30eeca43eba247d185e2208ca8/486b380633f0350ce10000000a42189d.html?version=7.31.27

Question: 290

SAP Fiori Elements utilizes a metadata-driven approach for SAP Fiori app development. What are the implications of this?

1.) SAPUI5 Smart Controls must be created by developers to utilize the OData annotations and metadata of SAP Fiori Elements templates.
2.) The SAPUI5 runtime interprets metadata and annotations of the OData service and uses the corresponding views for the Fiori app at startup.
3.) Smart Templates must be used by the developer to consume OData annotations and metadata so the SAPUI5 runtime can use the corresponding view.
4.) App developers must use JavaScript to allow their applications to read OData annotations and metadata

Correct Answer: 2

Explaination:
https://help.sap.com/doc/d9c75eebcfa840c8a4aa4b0e6a8136de/3.0.14/en-US/7c05cc4f700610148815d7ef5cb94d2c.html