**Sitecore 10 certification Questions**

1. With Sitecore MVC, how do you ensure that a field cannot be editable when you use the field helper to render content.

* Mark the field as non-editable in the field definition
* Set the editable parameter to “false”
* Use the DisableWebEdit option
* Use the non-editable equivalent field type

1. The Select Associated Content dialog box allows… can select only News Article Items as the data source
   1. On the rendering definition, set the Datasource Template…
   2. On the rendering definition, set the Datasource Location…
2. Rather than using a controller rendering..

Item that lacks controller logic and references which of the following

* A Razor view file
* A presentation detail item
* A standard values item
* A method rendering

1. Utilizing Sitecore MVC, you are developing a component that you want to stop content editors from removing a component. What type of component binding would you use?

* Static component binding,
* Basic component binding, because you can dynamically…
* Dynamic component binding, because you can…
* Standard Component binding, because you can give….

1. In a non-SXA website where you are using Sitecore MVC, you are working on the presentation for a website, starting with the layout. What two things are needed to successfully implement a layout? (Choose two.)

* A layout.cshtml file
* A layout definition item
* A standard values item
* A presentation details settings item
* A main placeholder

1. Which view type would you develop for structural components with multiple placeholders when using the ASP.NET Core Rendering SDK?

What is a Custom View -> reusable, complex logic, used for nav menus, login panels, search bar

* Custom view components
* Standard view components
* Partial view components
* Model-bound components

1. What is the purpose of item includes within Sitecore Content Serialization module.json files?
   1. Includes determine how and when the automatic schedule for module serialization is executed
   2. Includes specify the path and paths of the content tree should be serialized.
   3. Includes specify how items are serialized and committed to source control.
   4. Includes specify which other modules are dependencies for the given items.
2. If the path of a specific module file is not set in the sitecore.json file, what will happen when you run standard serialization commands?

* When you run push or pull serialization commands, the tool will search for your module to access the includes.
* You will receive a warning advising you some modules are not included and ask if you wish to include them in the serialization attempt.
* The paths and related items included in the module will not be serialized when you run a push or pull command.correct
* Only selected items in the specific module will be serialized, but it will not include all of them.

<https://doc.sitecore.com/xp/en/developers/103/developer-tools/sitecore-content-serialization-structural-overview.html>

You can specify fields to exclude from serialization by configuring excluded fields in the sitecore.json and \*modules.json files.

1. How does content serialization with the Sitecore CLI or Sitecore for Visual Studio support the development experience?

* By acting as a data-storage solution for every item in the content tree
* By providing a process for building out templates and layouts with a graphical interface walkthrough
* By providing a feature for testing content synchronization during the development process.
* By allowing Developers to easily move and share Developer-owned items across different environments

1. Which two statements about Sitecore content Serialization
   1. To use SCS, every developer on a team..
   2. The entire development team must select…
   3. Sitecore Command line interface(CLI) and Sitecore for Visual studio are same serialization functionality with different interfaces
   4. Sitecore Command line interface(CLI) is the primary…
   5. Regardless of the personal choice, Developers on the same team…

(CLI) or Sitecore for Visual Studio, with full compatibility.

1. How do you debug the Sitecore Content Delivery role that is running on Containers?
   1. Right-click the container in Docker Desktop and Select Debug
   2. Stop the container and run a debug command
   3. Open the container logs in Docker Desktop and review for errors.
   4. Attach to the w3wp.exe process of the container from your IDE
2. When using Sitecore Content Serialization and setting…
   1. Web.config
   2. Sitecore.json
   3. Startup.cs
   4. Module.json
3. When using a containerized solution, when would you use HOST\_LICENSE\_FOLDER instead of

SITECORE\_LICENSE?

* When working on a development project with
* When working on a production sitecore environment
* When you receive an error for attempting to use…
* When you have more than one Sitecore development…

1. You have confirmed that a placeholder…

Component from experience editor. What should you..

* Confirm you have enabled placeholders in sitecore…
* Confirm a placeholder has been added to the Allowed Placeholders folder
* Confirm you dynamically bound the placeholders to the…
* Confirm a placeholder settings item has been created…

1. The presentation details of an item contain configuration….

There is a required setting in the presentation detail?

* 1. Layout
  2. Item data source
  3. Placeholder
  4. Rendering Parameters

1. When using Sitecore MVC, which static class contains information about any current HTTP request?

* Sitecore.HttpContext. Request
* Sitecore.Context
* Sitecore.Request
* Sitecore.HttpContext

1. When developing using Sitecore headless SDKs, what is the relationship between the rendering host and the Sitecore Content Delivery role?

* The Content Delivery role hosts the headless services that the rendering host uses to retrieve Sitecore content and layout.
* The Content Delivery role has absolutely no relation to the rendering host as both are separate features for content management and delivery.
* The rendering host is a plugin feature that is loaded into the Content Delivery role to enhance the response speed of page requests.
* The rendering host is integrated into the Content Delivery role to make a highly-coupled system for retrieving and displaying content data.

1. When developing with the Sitecore ASP.NET Core Rendering SDK, what is the purpose of registering component Tenderers within the rendering host's Startup.cs class?

* To document the components that have been created and help the Developer identify which to create
* To build a catalog of component offerings for selection from within the Sitecore Experience Editor
* To map a Sitecore rendering component name to an implementation
* To build an index of available components for use when creating data source items from within the content tree

1. While developing using Sitecore MVC, you modify a file in your Visual Studio project outside of the webroot folder. What can you do to see the changes within the Sitecore installation?

* Publish the file using the Sitecore Rocks Publish file command.
* Copy the file to the webroot using Visual Studio's Publish command.
* Use the Sitecore Global Publish to publish everything.
* Publish the entire site when you are in the Content Editor.

1. When you want to refer to a specific placeholder ?
   1. Placeholder ID
   2. Item Key
   3. Placeholder key
   4. Key ID
2. Which statement best describes the purpose of the Sitecore Container Registry (SCR)?

* The SCR provides base container images for Sitecore environments for both production and development purposes.
* The SCR provides Sitecore-approved images submitted by the Sitecore MVP community.
* The SCR only provides base container images for Sitecore environments for development purposes only.
* The SCR only provides base container images for add-on modules, such as SXA, JSS, and SPE.

1. Which of the following is considered a complex field and should not be rendered using the Html.Sitecore().Field() method when developing with Sitecore MVC?

* Number
* Image
* Check box-correct
* Single-line text

1. Currently, a Content Author has three rendering options with a complex datasource query. However, in order to swap the existing rendering for a new one, the author has to copy the datasource query, remove the old rendering, insert the new rendering, and paste the datasource query into the datasource field. According to Sitecore best practices, what should you do to reduce the chance of user error when an author needs to change out the rendering?

* Split the renderings into smaller pieces so the Content Authors can add each field of the data source separately as desired.
* Merge all three renderings into one and have the Content Author select display mode through rendering parameters.
* Create a custom Experience Editor button and­­ script the replacement.
* Add each rendering definition item to the Compatible Renderings option within each of the renderings.

1. How can you populate the property of a ViewModel and still support inline editing in the Experience Editor?

* By wrapping the entire markup in a Sitecore Edit Frame
* **By using the Render() method in the FieldRender class**
* By using an object from the FieldCollection
* By using the appropriate field class as the type of the property

1. Sitecore utilizes several databases with various purposes. What data is stored in the Master database?

* Configuration information about the Sitecore user interfaces
* Only the latest versions of items that have been published
* .NET membership and security authorization tables
* All versions of all the content, including unpublished content

1. Your published layout.cshtml file contains a static placeholder with a ''main'' placeholder key and you want to add renderings to the presentation details of a templates standard values; however you cannot see the "main" placeholder key you added to the layout. Of the available options, which is the best explanation of what happened?

* There is a missing configuration element in web.config for placeholders.
* The wrong layout is associated with the current template.
* A Sitecore publish is required to show placeholder keys when editing presentation details.
* There is no placeholder settings item for the associated 'main' placeholder key.

1. For non-SXA websites, why is it recommended to avoid setting presentation details directly on new content items?

* Defining presentation details on standard values ensures all the fields related to an item's presentation are configured for access by content creators.
* Sitecore does not allow presentation details to be changed at the content-item level, so they must be set and edited from the standard values of templates.
* It allows all content items made from the same template to have the same presentation details by default and eliminates additional work during content creation.
* It forces a prompt to appear when newcontent items are created so Content Authors can finalize the presentation details for the new content items.

1. When is it possible to edit a field inline with Experience Editor if the component is developed using Sitecore MVC

* When the field is rendered on a page with existing content
* When the field is marked as inline editable in its definition
* When a Field() helper method is used to render the field
* When the field is marked as versioned rather than unversioned

1. You are designing a component that will allow users to select a content item from a specific place within the content tree as the data source. How will you ensure the component is flexible and the user can select a content item upon use?

* Ensure the insert options for the component are enabled so the Author can change the content item for the component.
* Ensure the users can create a new component from Experience Editor and configure the Datasource Template field.
* Ensure the component supports a change to the data source and configure the Datasource Location field.
* Ensure you add a placeholder within the component so the Experience Editor prompts the user for a content item.

1. Which four statements are true about developing with the SitecoreASP.NET Core Rendering SDK? (Choose four.)
2. It enables the Content Delivery instance to handle all of the development workload.correct
3. It allows you to create independent applications that render Sitecore content.correct
4. It helps you build small, lightweight .NET Core applications for Sitecore.correct
5. It enables you to remove ASP.NET from your solution.
6. It allows you to extend Sitecore pipelines using .NET Core.correct
7. It depends on the Sitecore Layout Service.correct
8. It enables you to preview your code changes without having to restart the Sitecore environment.

Answer: b, c, e, g

1. If the Sitecore Content Management instance can be accessed by multiple host names, what would you do to enable users for each site to be able to log into the Sitecore shell?

* Patch the web.config for the Content Management instance with the required permission groups.
* Update the role for each user group to include the appropriate site permissions.
* Remove all specific host names from the Identity Server configuration settings file and replace them with wild-card options.
* Add AllowedCorsOriginsGroup fro each site to the Identity Server configuration.

1. As you create templates and add standard values, you know items created from the templates should automatically have Title field populated with the name of the item. What should you do to ensure this occurs?

* Add $name token to the template’s standard values Title field
* Set $name token in the new item’s content Title field
* Set \_name token in the new item’s content Title field
* Add \_name token to the template’s standard values Title field

1. When creating your containerized Sitecore environment with Docker, for the ease of launching the containers, which two files are recommended? (Choose two.)

* clean.ps1
* docker-compose.yml
* compose.yml
* .env
* docker.exe

1. What is the purpose of developing field editor buttons for Experience Editor?

* To allow Content Authors to edit image fields within Experience Editor.
* To provide additional field-editing functionality for complex fields through a pop-up window.
* To give Content Authors the ability to change the field type as they work on content.
* To open the rich text editor for fields of the rich text type in Experience Editor.

1. In a non-SXA multisite implementation, what is the recommended practice for storing reusable content that is shared between the different sites?
   1. You should create a folder on each site and use cloning for this type of content.
   2. It is not a recommended practice to share content between sites
   3. You should store this type of content outside of any one site’s content tree structure.
   4. Location does not matter because content can be retrieved from anywhere.
2. In a non-SXA website, you have created a layout definition item and want to designate the layout as part of the presentation details. According to Sitecore best practice, where should you set presentation details?

* Standard values
* On the individual items
* Rendering parameters
* Standard template

1. You are setting up Sitecore instance without the use of SXA and want to accommodate three public facing websites. Where will you map which home item corresponds to each hostname?  
   a. In the Core database’s settings file  
   b. In the /system/settings section of the Master database  
   c. In the IIS Website definition settings  
   **d. In a Config include file patching the web.config**
2. As a Developer, why should you assign security to roles instead of users when setting up security on a site?

* Security can be managed more efficiently as the rights and permission apply to a group of users.
* Role-based security allows multiple users to have the same username but different passwords.
* Assigning security to roles enables individuals rights and permissions to be configured by users.
* Individual users with a role can set their own item security permissions.

1. Which two of the following statements are reasons for assigning security rights to roles instead of individual users?

* Roles do not allow the ability to assign access restrictions to content created by other users.
* Roles enable you to control security access for groups of users and roles simultaneously.
* It is more secure to manage access rights for individual users.
* User-level rights allow you to change security rights without altering an entire site.
* Assigning permissions to individual users can be confusing and create risk.

1. When is template inheritance not recommended for fields with the same name?

* When the fields are image field types
* When the fields need to be validated
* When the fields require different field sources
* When the fields require the same field sources

## Sitecore 10 NET Developer Exam Material

1. While using the Sitecore Install Assistant (SIA), you encounter the error below: Based on the information provided in the image, what is the most likely reason for this install error?

* The Sitecore instance username/password were incorrect.
* The Solr install path was set incorrectly.
* The Solr service was stopped.
* The SQL server username/password were incorrect.

1. Which statement explains the purpose of dynamic placeholders?

* Unlike static placeholders, users can create as many dynamic placeholders on a layout as needed.
* Dynamic placeholders with the same key can be used multiple times on a page while allowing content within the placeholder to be unique.
* Dynamic placeholders allow users to override the placeholder from a page and directly replace it with a new one.
* Dynamic placeholders allow the user to move the placeholder’s content to any location on the page as necessary.

1. Which statement characterizes the Sitecore Extranet security domain?

* It provides default access to the Sitecore identity server for users to log in to the appropriate environment areas.
* It is an internal security domain for users that can access the Sitecore client tools and editing functionality.
* It is the domain that contains user accounts as well as customized roles for managing read access to the website content.
* It provides customized roles for controlling access to third-party environments such as a CRM or payment portal.

1. Prior to the creation of any content items based on templates, you have taken over the creation of data templates from a previous Developer. Based on the design plan, two templates were created, ItemA and ItemB. Both templates have three identical fields: Title, Subtitle, and Description. Based on Sitecore best practices, how would you improve the template design?

* Set the template for ItemB as a base template for ItemA and set the template for ItemA as the base template for ItemB to ensure proper inheritance.
* Set both templates to inherit from a new base template with the three duplicated fields, removing the fields from the existing templates.
* Delete the templates and start over again with new templates, one for the three duplicated fields and one for all the other fields from ItemA and ItemB.
* Set the template for ItemB as the base template for ItemA's template and delete the duplicated fields from ItemB's template.

1. A company you develop for wants to temporarily change the design for their main page for a company anniversary celebration. Because this will be a specific version of the main page that is published for a specific period, which Sitecore feature enables you to accomplish this change while easily allowing you to revert to the original design?

* Final layouts
* Shared layouts
* Restricted layouts
* Versioned layouts

1. What do you do if the serialization command is not available when working with the Sitecore CLI?

* You need to execute the 'dotnet restore' command in your command prompt.
* You need to install the Sitecore Serialization plugin.
* You need to restart your Sitecore instance as this indicates a lost connection.
* You need to reinstall your Sitecore Content Serialization tool.

1. You want to control the order in which patch files load. Which element could you use in the Layers.config file to accomplish this?
   * <configLayer>
   * <loadOrder>
   * <configLoad>
   * <patchOrder>