

## Sitecore 10 Certification Q&A

### **What is the name of Component architecture guideline of Sitecore?**

Helix

### **What is horizontal scaling and vertical scaling?**

#### Vertical Scaling:

Definition: "To scale vertically (or scale up) means to add resources to a single node in a system, typically involving the addition of CPUs or memory to a single computer." (Wikipedia).

In Sitecore xDB, you could start the process of vertical scaling by installing single instances of each component on separate servers, therefore moving from a single server to a multi-server environment.

For example, you could start by having the following three servers:

- Content delivery
- Collection
- Reporting

An advantage of vertical scaling is that you can upgrade specific components (depending on role) without upgrading the entire environment. For example, a content delivery server might need faster CPUs, while the collection database needs more disk space for storage, and plenty of RAM to maintain system performance. Therefore, if you scale vertically, you can dedicate specific servers to specific roles, and upgrade hardware accordingly.

#### Horizontal Scaling:

Definition: "To scale horizontally (or scale out) means to add more nodes to a system, such as adding a new computer to a distributed software application." (Wikipedia)

In Sitecore, horizontal scaling means you deploy multiple servers for specific components, such as content delivery, processing, content management, or collection, to increase the capacity of your solution.

For example, as demand increases, you can deploy multiple clusters of content delivery servers to deliver web content to contacts as quickly and efficiently as possible. On multiple content delivery clusters, you can use load-balancing software to optimize performance across clusters and to maintain high availability. You could also implement multiple content delivery clusters to provide multiple geographically distributed collection points.

Implementing a fully scalable xDB architecture brings many benefits, such as improved performance and high availability. This approach is particularly suitable for the largest, enterprise organizations that need to handle a lot of website traffic and want reliability and high availability. These types of organizations often have large data storage requirements so may need to consider horizontal scaling as part of their future strategy for expansion.

For example, to scale horizontally you can deploy:

- Multiple content delivery servers.
- Multiple clusters of content delivery servers, either to increase capacity beyond a single cluster, or to create geographically distributed content delivery and traffic collection points.
- A dedicated session state server for handling session data. This is a requirement if you have a cluster with more than one node.

**Which databases is required for CD server?**

Web and Core.

**What can be the reason \$token is visible in one of the items as "\$token" and not replace it with its value?**

\$token will replace by value for new items, not the old ones.

**Which DLL is required to get RenderingContext?**

Sitecore.MVC.Dll

**What is the difference between Shared and Final Layouts?**

Shared Layout: Controls which is added in the shared layout is shared in all language and numbered versions.

Final Layout: Changes which is made in Final layout are specific to that language and version.

**Which tag use in Layers.config file to define the sequence of execution of config files?**

<loadOrder>

**How to force the Content editor to create similar kind items under article?**

Insert Option

**What is a difference between Smart, Republish and Incremental Publish?**

Incremental Publish – publishes only items that are in the publishing queue. Every time you change an item, the item is automatically added to the publishing queue. If the changed item is part of a workflow, the item is added to the publishing queue when it reaches the final workflow state.

Incremental Publish is the fastest way of publishing because Sitecore does not use resources to compare versions of the items that are in the publishing queue before publishing them.

**Note**

Incremental Publish is only available when you publish the entire website.

Smart Publish – publishes all items that have changed since the last publication. When you run a Smart publish, every item in the Master database is compared with the equivalent item in the target database and, if an item has changed, it is published.

Comparing all items in the database makes this a time-consuming way of publishing your entire website, particularly if the content tree contains many items.

Republish – publishes everything. Republish overwrites every item in the target database with the equivalent item from the Master database, even if it has not changed. In this way, republishing removes all obsolete versions from the target database. You can use republishing to bring a new web database online, to restore a backup of the master database, and to add a new content language, a new publishing target, or other system items to the website

**Which roles access right will take precedence?**

Deny

**What this code does Sitecore.Globalization.Translate.Text("Title")?**

Get phrase of dictionary key "Title"

**What is the difference GetChildren() vs GetDescendants()?**

GetChildren: Returns all the direct children of an item.

GetDescendants: Returns all the items under an item.

**What is a difference between Treelist and TreelistEx?**

Treelist always load while TreelistEx loads on demand

**Why do we set icons in Sitecore?**

To uniquely and easily identify the item.

**What are the different tokens supported by Sitecore?**

\$name: The name for the new item entered by the user

\$id: The ID of the new item

\$parentid: The ID of the parent of the new item

\$parentname: The name of the parent of the new item

\$date: The system date in yyyyMMdd format

\$time: The system time in HHmmss format

\$now: The system date and time in yyyyMMddTHHmmss format.

**What are the Different types of Databases available in Sitecore?**

Master, Core, Web

**Which editor is mainly designed for non-technical Content Editor?**

Experience Editor

**How to get data from xDB?**

xConnect

**What is the use of Standard Template?**

Sitecore Standard Template contains the Fields which define how Sitecore should manage an Item, such as when it should be published, which workflow it is in, which users should be allowed to access it, and so on. Every template should inherit from the Standard template (or from the template which inherits from the Standard template).

The Standard template allows Sitecore administrators to restrict access to particular operations for low-privileged Users. For example, the Editor User supplied with the default Sitecore installation can only access the Data and Publishing sections.

**What is the use of the Core database?**

Environment settings and Membership details

**Environment settings and Membership details**

Changes in Master database in sandbox mode didn't affect LIVE website mode

**You have used Group by clause to get a result from the index, but you didn't get anything, why?**

Group by clause is not supported by Sitecore search API

**Match the Pair**

Sitecore products and modules download after 8.0 -> Sitecore developer Portal

Sitecore videos -> Sitecore YouTube channel

Sitecore products and modules download before 8.0 -> Sitecore developer Network

Raise tickets for issues -> support.sitecore.net

**Which field is editable inline in Experience Editor a. Treelist b. Multilist c. Datetime d. Checkbox?**

DateTime

**How you find items in buckets?**

Content Search API

**How to edit Treelist in experience Editor?**

Use edit frame and add buttons in toolbar

**How to do specify static component in cshtml file?**

@HTML.Sitecore().Renderings("Path or ID")

**What is the use of Sitecore packages?**

To create Zip files that contain items and code files and to install it on some another Sitecore instance.

**You have Title field in Event template and Title field in Article Template. What will you do to follow the recommended approach?**

Create a base template and inherit on both

**How does Sitecore knows you are a returning customer?**

By calling Identify() method.

**When would you use the DisableWebEdit parameter when rendering a field?**

When rendering a field inside the <title> tag in the <head> of HTML

**What does it do when you make an item bucketable?**

The item is hidden.

**What parts of the page are typically added using Static Binding?**

Scaffolding, like headers and footers

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Insert Options

**Config changes get added alphabetically by default. How can I change it?**

Use <loadOrder>

**Where do you define default and initial values?**

Standard Values

**To take advantage of Sitecore's integrated marketing & analytics capabilities, what do you need to implement?**

Experience Database

**Which of the following are reasons for using field types in Sitecore?**

To define the raw value stored in the database, to determine which editor control will be used in the authoring tools, to determine the API field class used in code.

**Why would you create the Visual Studio solution outside the webroot?**

The solution becomes more portable.

**What happens if the same field name is used in two separate inherited data templates?**

The field will be duplicated.

**What does an unversioned field contain?**

One version of the data per language.

**How can you handle more than one input form on a controller rendering in Sitecore?**

Create an extension method invoking the `FormHandler()` and `Use Ajax.BeginForm()` and specify the controller and action.

**What are the 3 folders in the physical path of the content folder that hosts the Sitecore application?**

Website, data, and database

**What happens when an item inside a bucket is not bucketable?**

Item is not hidden.

**Which field type do I use to store formatted html?**

Rich text field

**What is a General Link field used for?**

To store the contents of an anchor tag.

**What is the SIM Import/Export features?**

Export an entire set of Sitecore database with content and import to a new environment.

**Why would you use dynamic placeholders?**

To reuse a component containing placeholders.

**When you patch in changes to the Sitecore.config file, how can you control the order in which your changes are applied?**

In `App_Config/Include`, use a naming convention and sub-folders for config files.

**What is the name of the template all templates should inherit from?**

Standard Templates

**When you are working with a `Sitecore.Data.Items.Item` object, which method should you use to get a list of all its children?**

`.GetChildren()`

**When I made Template bucketable, the existing items are still not hidden. What should I do?**

Sync the existing items.

**What part of presentation details applies to all versions of an item?**

Shared Layout

**What do you need to create to enable Dynamic Binding?**

Placeholder

**How would you retrieve the URL of an item?**

Use `LinkManager.GetItemUrl()`

**When would you set `languageEmbedding` option to never?**

The site is not multilingual

**What is the preferred way to modify the sitecore.config**

Use .config patch file in App\_Config/Include

**What are the types of publishing?**

Delayed, Parallel, and Dedicated

**What is the best way to source control Sitecore items?**

By Serialising them.

**How can you make it easier to communicate issues with Sitecore Support?**

Use the Support Package Generator from the Sitecore Marketplace.

**Where is the license located?**

Sitecore application root folder/Data/license.xml

**What does the item Resolver do?**

Maps a URL to an item in the content tree.

**How can I use placeholders inside of placeholders?**

This cannot be done directly.

**What is the purpose of a Field Editor?**

To opens a pop up where fields are edited.

**Which interface would an author use to see and edit items in a tree structure?**

The Content Editor

**What happens if a role denies an access right and another one allows it?**

Denied

**What should you define in a template?**

Fields, Field Sections, Icons and Base Templates

**How can I open a bucketable item?**

Use the Sitecore search functionality to locate and open the item.

**How do I display the content of a field in code?**

@Html.Sitecore().Field(<field name>)

**What tools can I use to install Sitecore?**

Manual or zip file, Scripts, Sitecore Rocks, SIM, EXE

**What is the CMS parts of Sitecore?**

xManagement

**How to fix Layout not found error page?**

Define layout in the presentation details.

**How would you display the direct children of the Home item?**

Use Sitecore.Context.Site.StartPath and invoke GetChildren()

**What is a Sitecore item?**

The construct Sitecore uses to store data

**What do you need to do to allow users to add and remove components from a placeholder using the Experience Editor?**

Create a Placeholder setting item for that placeholder.

**Which method is not supported by Sitecore's implementation of IQueryable<T>?**

GroupBy

**Where should I set insert options as a best practice?**

Standard Values

**What is Sitecore's easy-to-use authoring tool and what functionality does it provide?**

The Experience Editor provides editing and designing functionality.

**What are the SIM installation features?**

Install any version of Sitecore from a repository of installers, Install modules and packages, Reinstall the same configuration.

**Where can Presentation Details be set?**

Experience Editor (Design Mode), Content Editor, Template Manager, Sitecore Rocks

**What can I use to translate fields and help texts in the Sitecore client?**

Sitecore Dictionary entries

**Where can I check the effective permission of an account?**

Access viewer

**Which search providers does Sitecore ship with by default?**

Solr and Azure Search

**What field type can I use with Rendering Parameters?**

All field types

**Which of the following are the foundation pillars of a Web Content Management System?**

Data Definition, Content, Presentation

**Publishing synchronizes what between master and web databases?**

Adding new items, updating edited items, removing deleted or unpublishable items.

**What happens if an item version is not in a final workflow state?**

No automatic versioning and the version is not publishable.

**What happens when you create the regular placeholder multiple times on the page?**

Same content appears on both placeholder definitions with the same key

**How can you make sure that each placeholder on the page has a unique key?**

Create dynamic placeholders using `@Html.Sitecore().DynamicPlaceholder("Key")`

**Which standard field is a shared field where you specify the common layout for all languages and versions of the item?**

\_Renderings

**How are the layouts stored in the fields?**

XML

**How is a layout definition item connected to a layout file?**

The Pathfield on the Layout definition item points to the location of the cshtml file.

**How many Layouts can you assign to a single item?**

One –per device!

**When you add `<sc:PlaceholderKey="myKey" runat="server" />` to your sublayout, what must you do for the placeholder to be selectable in the Experience Editor?**

Create a Placeholder Settings definition item in Sitecore.

**What additional databases are required in Sitecore?**

1. instance\_EXM.Master
2. instance\_ExperienceForms
3. instance\_MarketingAutomation
4. instance\_Messaging
5. instance\_Processing.Pools
6. instance\_Processing.Tasks
7. instance\_ProcessingEngineStorage
8. instance\_ProcessingEngineTasks
9. instance\_ReferenceData
10. instance\_Reporting
11. instance\_Xdb.Collection.Shard0
12. instance\_Xdb.Collection.Shard1
13. instance\_Xdb.Collection.ShardMapManager

**When you set up multiple site structures in the content tree, what is the recommended practice for handling content that will be shared between sites?**

Keep it outside of any site structure.

**How can you make your Visual Studio project portable?**

By working outside the Webroot

**Name some the attributes that can be configured in the site node for a website. (think SiteDefinition.config file).**

Name, host name, rootPath, startItem, language

**What is the name of the feature that makes WCM possible in Sitecore?**

Experience Management ( xManagement)

**What do you need in addition to the Experience Management to take full advantage of the Sitecore Experience Platform?**

You need the Experience Database to take full advantage of the available features. It supports the Analytics and Marketing features.



**To provide a rich user experience, what are some recommended practices you should use when you create templates?**

Provide default values, use user friendly names and icons, limit the use of Rich Text Editors

**Describe the anatomy of a Sitecore Layout?**

A code file on the file system and definition item in the content tree

**What happens if allowed controls are not specified on a placeholder settings item?**

In the Experience Editor, the user will be able to add any component to the placeholder.

**When you add `@Html.Sitecore().Placeholder("main")` to your rendering, what do you need to do to make the placeholder selectable in the Experience Editor?**

Create a Placeholder Settings definition item.

**An author adds a component to a page in the Experience Editor and the Select the Associated Content dialog box automatically appears. What triggers this behaviour?**

The component's Datasource Location field is filled in

**How are component parameters stored in the Sitecore database?**

As clear text in URL query string format

**What template must be used as a base template for your Parameters Template?**

The Standard Rendering Parameters template

**You have created a new Parameters Template. How do you ensure your component uses it?**

On the component's definition item in the Parameters Template field

**What are Compatible Renderings?**

Components that can be exchanged or replaced with each other

**What should you keep in mind when configuring Compatible Renderings?**

They should be set on both components so you can exchange them. Both need to be in the Allowed Controls for any placeholders they will appear in. They may need to share data source and parameters.

**Why is it important to have friendly folder structures within your content tree?**

Because they dictate the segments that are within your URL

**How can you make sure content authors do not modify or remove certain components in the Experience Editor?**

By disabling the Editable field in the definition item of the component.

**What class would you use to retrieve the contents of a Treelist field?**

Sitecore.Data.Fields.MultilistField

**What is the name of the pop-up window in the Experience Editor that can be used to edit fields that are not editable inline?**

A Field Editor

**How would you enable the use of a Field Editor?**

By adding a Field Editor Button to a toolbar

**How would you show a toolbar in a particular part of the page?**

Using an Edit Frame

**How would you configure the buttons shown in an Edit Frame?**

By creating some definition items in the Core database By adding the Buttons property to the Field Editor

**How do you bind a controller to deal with the post of a View Rendering?**

By filling the Form Controller Name and Form Controller Action fields in the definition item of the View Rendering

**What method do you need to invoke inside a ViewRendering form to ensure only its controller reacts to the post?**

Html.Sitecore().FormHandler()

**What three pieces of information do you require to create an item?**

Name

Template

Location (parent node)

**How can you run part of your code with a set of privileges different from those of the context user?**

UserSwitcher

SecurityDisabler

**What methods do you invoke when you begin and finish editing an item through the API?**

.Editing.BeginEdit()

.Editing.EndEdit()

**What two core services conform the Sitecore Services Client?**

ItemService

EntityService

**What is the difference between a profile card and a pattern card?**

A profile card is used to profile content. It acts as a pre-set of profile keys and values.

Used during personalization or contact segmentation, pattern cards define archetypes to compare with the current profile of a contact and establish which one corresponds most closely with the interests of the visitor.

**What happens if you forget to include @Html.Sitecore().VisitorIdentification() inside the <head> of the page?**

All visitors will be treated as bots and their information not stored in the xDB

**Why is Engagement Value so important?**

It is a better metric than simply measuring traffic to evaluate the success of the site. Most Sitecore reporting provides engagement value/visit information.

**How does Sitecore calculate the engagement value?**

By adding up the points assigned to all the goals triggered by the visitor.

**When should you use a Computed field?**

When you need to use field data to calculate a different value to be stored in the index itself.

**What is Sitecore's security based on?**

asp.net providers

**Where are access rights stored?**

Standard field on items

**What happens if an access right is unspecified?**

Sitecore will inherit the value from the parent item unless inheritance is disabled (denied)

**What role can you give access rights so that they apply to all accounts in Sitecore?**

Everyone

**What are the two main security best practices?**

Don't set security on users

Avoid using explicit denies

**Which user is bound to unauthenticated requests to the front-end website?**

extranet\Anonymous

**What role does a user need to be able to log in to the Sitecore back end?**

Sitecore Client Users

**Can you assign a user to a role from a different domain?**

Yes

**What are workflows made of?**

States

Commands

Actions

**How are workflows defined?**

Through definition items under /sitecore/settings/workflow

**What is a workflow action?**

An automatic side effect of invoking a command or entering a state

**What are the two consequences of making a state Final?**

Items in it can be published

Sitecore creates a new version when a (non-admin) user tries to edit it

**What is the point of the workflow state Write accessright?**

To override the Write Permission for an item while it is in a particular workflow state

**Name the five official Sitecore Documentation Resources and their purpose**

Sitecore Developer Network Contains downloads and documentation of supported Sitecore products and modules prior to the 8.0 versions.

Sitecore Developer Portal Download the Sitecore Experience Platform and all associated products and modules for 8.0 and beyond -including Print Experience Manager and Sitecore Commerce.

Sitecore Documentation Contains all relevant documentation for the Sitecore Experience Platform and all associated products and modules for 8.0 and beyond.

Sitecore Knowledge Base Contains details about known issues, problems, and common questions related to Sitecore products with guidance to find the right solution.

Sitecore YouTube channel Contains freely available video tutorials for developers, business users, and optimization experts.

**What do you need when contacting Sitecore Support?**

Your own personal Sitecore credentials that are allowed write access to the Sitecore Support Portal.

A valid License ID for the customer where the issue relates to. Partner License ID's should only be used for pre-sales and R&D purposes.

A case description on how to reproduce the issue.

Attach relevant configuration, log and environment related files. Errors should be added as plain text files.

**Why would you script your build process when you develop with Sitecore?**

To achieve automated repeatable builds

**What are the main steps involved in deploying your application?**

Install Sitecore

Copy the assets from your solution (Views, JS, CSS, DLLs)

Restore serialized items (deserialization or through a package)

Extra steps (publishing, index rebuild)

**What process is used to write database rows of Sitecore to files on disk?**

Serialization

**Where does the home item for your site is defined?**

- a. Web.Config
- b. Sitecore.config
- c. Layers.config
- d. App.config

Answer: b

**How do you retrieve your site's start item location?**

- a. Sitecore.Context.Site.StartPath;
- b. Sitecore.Context.Site.root
- c. Sitecore.Context.Site.PathStart
- d. Sitecore.Context.Site.rootPath

Answer: a

**How do you install a Sitecore package?**

- a. Control Panel>Administration>Install a Package
- b. Marketing Panel>Administration>Install a Package
- c. Dashboard>Administration>Install a Package
- d. Administration>Install a Package

Answer: a

**What's the default base template for all templates?**

- a. Standard Template
- b. Base Template
- c. Standard Values
- d. Template

Answer: a

**How can you extend the Sitecore Framework?**

- a. Packages
- b. Module
- c. Update Package
- d. Using SDK

Answer: a,b,c

**Sitecore Rocks plugin for visual studio can be used to perform which tasks**

- a. Manage Packages
- b. Create Anti-Package for undo functionality
- c. Create Items
- d. Create Templates
- e. All of the above

Answer: e

**What is an Anti-Package?**

- a. Helps you create a package with an option to roll back the changes
- b. Helps you to import and delete the existing files
- c. Helps you to export the package
- d. None of the above

Answer: a

**The Sitecore Package Designer helps you to**

- a. Add Items statically or dynamically
- b. Sets installation options
- c. Remove packages
- d. None of the above

Answer: a,b

**How can you install a package in Sitecore?**

- a. Installation Wizard
- b. Sitecore Rocks
- c. Control Panel
- d. None of the above

Answer: a,b,c

**Where is the default site configuration located?**

- a. /app\_config/Sitecore.config under site
- b. /app\_config/Layer.config
- c. /config/sitecore.config under site
- d. Web.config under site

Answer: a

**What static class contains the information about the current HTTP request and your site installation?**

- a. Sitecore.Context
- b. Sitecore.Kernel
- c. Sitecore.MVC
- d. Sitecore.Presentation

Answer: a

**Where the Home page or start item for your site is defined in the Sitecore.config?**

- a. Rootpath
- b. Start item
- c. Rootpath and Startitem
- d. Site node

Answer: c

**How can you retrieve your site's start item location programmatically?**

- a. String startPath = Sitecore.Context.Site.StartPath  
Item Homepage = Sitecore.Context.Database.GetItem(startPath)
- b. String startPath = Sitecore.Context.Site.rootPath  
Item Homepage = Sitecore.Context.Database.GetItem(rootPath)
- c. String startPath = Sitecore.Context.Site.path  
Item Homepage = Sitecore.Context.Database.GetItem(path)
- d. String startPath = Sitecore.Context.Site.rootpath  
Item Homepage = Sitecore.Context.Database.GetItem(rootpath)

Answer: a

**What's the path of the Single website and Home Item?**

- a. /Sitecore/Content/Home
- b. /Sitecore/Home
- c. /Sitecore/Item/Home
- d. /inetpub/wwwroot/Web/Home

Answer: a

**What's the recommended practices for a multisite implementation?**

- a. Creating a folder for each site
- b. Ensuring that each site folder has its own Home item
- c. Storing shared content outside of each site folder
- d. All of the above

Answer: d

**What version of visual studio works with the Sitecore project?**

- a. Visual Studio 2012
- b. Visual Studio 2014
- c. Visual Studio 2015 or higher
- d. Visual Studio 2015

Answer: c

**Visual Studio is the main tool to:**

- a. Configure and manage Sitecore project
- b. Code Layouts and renderings
- c. Manage configuration files
- d. All of the above

Answer: d

**Sitecore Rocks allows you to:**

- a. Create and manage site content from the Visual Studio
- b. Create Presentation component items and code files
- c. Integrate with your visual studio project
- d. Use site management tools
- e. Create and Install Sitecore packages
- f. All of the above

Answer: f

**Everything in Sitecore is an item**

- a. True
- b. False

Answer: a

**An item consists of:**

- a. Fields
- b. Field Sections
- c. Data
- d. Content Tree

Answer: a,b,c

**The item is an addressable unit of data**

- a. True
- b. False

Answer: a

**Templates are the foundation of all content in Sitecore.**

- a. True
- b. False

Answer: a

**Templates defines:**

- a. Type of item
- b. Determine the field sections
- c. Determine the field names
- d. Determine the field types
- e. All of the above

Answer e

**What does the field type determine for the field in the Content Editor and the Experience Editor?**

- a. Editor Control
- b. Options
- c. Value
- d. Security

Answer: a

**All templates inherit from the standard template**

- a. True
- b. False

Answer: a

**Modifying the base template of the template affects all items immediately**

- a. True
- b. False

Answer: a

**The Tokens in the standard values are:**

- a. \$name
- b. \$date
- c. \$now
- d. All of the above

Answer: d

**What option overrides the Field Name in Sitecore interface?**

- a. Title
- b. Field Name
- c. Type
- d. Property

Answer: a

**Sitecore publishes items from:**

- a. Master to Core database
- b. Master to Web database
- c. Core to Web database
- d. None of the above

Answer: b

**Sitecore groups the files in layers and maps each layer to a folder in the App\_Config folder**

- a. True
- b. False

Answer: true

**The Sitecore groups the files in layers and maps each layer to a folder in**

- a. App\_Config
- b. Include
- c. wwwroot
- d. Sitecore

Answer: a

**What are the two types of rendering most commonly used in Sitecore**

- a. View Rendering
- b. Controller Rendering
- c. Item Rendering
- d. Method Rendering
- e. URL Rendering

Answer: a,b



**Which rendering is used occasionally?**

- a. View Rendering
- b. Controller Rendering
- c. Item Rendering
- d. Method Rendering
- e. URL Rendering

Answer: c

**What renderings are supported only for legacy reasons?**

- a. Method Rendering
- b. XSLT Rendering
- c. Url Rendering
- d. All of the above

Answer: d

**Where do you create a model in Sitecore for structured data to be consumed by MVC view?**

- a. Layout>Model
- b. Template>System
- c. System>Model
- d. Sitecore>Model

Answer: a

**What steps are required for a custom route in Sitecore?**

- a. Define a custom route
- b. Register the custom route
- c. Create a custom route
- d. Execute the route

Answer: a,b

**Areas enable you to group collections of controllers and views together to help subdivide and organize complex projects.**

- a. True
- b. False

Answer: a

**What's the recommendation practice to add Sitecore libraries to your project?**

- a. Copy and paste the library from a bin folder
- b. Nuget
- c. Reference the dll files in the bin folder
- d. None of the above

Answer: b

**What are the advantages of creating a project outside of the web root folder.**

- a. Separation of Concern: between solution files and Sitecore files
- b. Use the same visual studio project when you upgrade Sitecore or create a new instance.
- c. Easy to backup, restore, and move project.
- d. All of the above

Answer: d

**What server roles are supported in the <AppSettings> attribute of the Web.config file?**

- a. Content Delivery
- b. Content Management
- c. Processing
- d. Reporting
- e. Standalone
- f. All of the above

Answer: f

**What are three major components of the Sitecore 9 product?**

- a. Sitecore Experience Manager (XM)
- b. Sitecore Experience Platform (XP)
- c. Sitecore Experience Commerce
- d. All of the above

Answer: d

**What component-based architecture guidelines are used by Sitecore?**

- a. Helix
- b. Habitat
- c. Bootstrap
- d. JQuery
- e. Adaptive

Answer: a

**What are the main topics important to Helix and Modular architecture?**

- a. Dependencies
- b. Layers
- c. Modules
- d. All of the above

Answer: d

**Low coupling relies on keeping the number of dependencies between different parts down to the absolute minimum?**

- a. True
- b. False

Answer: True

**High cohesion does not relies on breaking the solution down into the right parts with logic that belong together?**

- a. True
- b. False

Answer: b

**How can you control the dependencies between modules in Sitecore?**

- a. Use Explicit dependencies
- b. Use Implicit dependencies
- c. Use Sitecore Rocks
- d. Use Content Editor

Answer: a

**The layer concept in Helix provides a structure that is extremely suitable for"**

- a. Creating and maintaining solutions of any size
- b. Produce maintenance-friendly and clean code
- c. Makes the dependency flow completely clear everywhere in the solution, in Sitecore, in Visual Studio and even in the file system.
- d. All of the above

Answer: d

**What layers are defined by the Sitecore Architecture Conventions?**

- a. Project
- b. Feature
- c. Foundation
- d. Module

Answer: a,b,c

**What's the most unstable layer in your Sitecore structure?**

- a. Feature
- b. Project
- c. Foundation
- d. Module

Answer: b

**What layer of the Sitecore Architecture Conventions stitch the features of the solution together into a cohesive solution?**

- a. Feature
- b. Foundation
- c. Project
- d. Module

Answer: c

**What layer of the Sitecore Architecture Conventions can contain page types, layout and graphical design?**

- a. Project
- b. Foundation
- c. Feature
- d. Module

Answer: a

**What layer of the Sitecore Architecture Conventions contains the concrete features of the solution?**

- a. Project
- b. Foundation
- c. Feature
- d. Module

Answer: c

**Which layer is the lowest level and most stable layer in Helix?**

- a. Project
- b. Foundation
- c. Feature
- d. Module

Answer: b

**Which layer contains the framework such as Sitecore, .Net, Bootstrap, JQuery etc.?**

- a. Project
- b. Foundation
- c. Feature
- d. Module

Answer: b

**The concept of module is derived from:**

- a. Component-based Architecture
- b. Module-based Architecture
- c. Adaptive Architecture
- d. Helix-based Architecture

Answer: a

**Which service is responsible for processing and storing data?**

- a. xConnect
- b. xDB
- c. Reference Data Service
- d. xDB Processing

Answer b

**Which of the following you can use to access the xDB core?**

- a. Content Search API
- b. xConnect Client API
- c. xDB API
- d. xDB Processing

Answer: b

**The client has direct access to the collection database or the search index.**

- a. True
- b. False

Answer: b

**What single end point named is used by the collection and Search in the development environment?**

- a. xdb.collection
- b. xdb.search
- c. xdb.collection search
- d. None of the above

Answer: a

**Where do you configure the xConnect end points?**

- a. \App\_Config\ConnectionStrings.config
- b. \App\_Config\Layers.config
- c. \App\_Config\sitecore.config
- d. \App\_config\Web.config

Answer: a

**Which one of the following can help you connect to Sitecore using a Console application?**

- a. xConnect Client API
- b. xdb Service
- c. xdb collection service
- d. Content Search API

Answer: a

**Which model defines the CLR types, facets, and events?**

- a. xDB model
- b. Sitecore
- c. xConnect Collection model
- d. xConnect search

Answer: c

**The xConnect service must have a JSON representation of any model that a client application wishes to use.**

- a. True
- b. False

Answer: a

**How does the developer extend the xConnect?**

- a. Adding Contact and Interaction facets
- b. Adding Custom events
- c. Adding items
- d. Adding Templates

Answer: a,b

**Which one of the following can help you to control the types of items that users can insert beneath existing item?**

- a. Using the Insert Options
- b. Design Layout
- c. Content Editor
- d. Experience Editor

Answer: a

**What's the second pillar of Experience Manager?**

- a. Field
- b. Item
- c. Template
- d. Content

Answer: d

**What do you call a content instance of a template?**

- a. Template
- b. Content
- c. Item
- d. Field

Answer: c

**Where does the item store in Sitecore?**

- a. Database
- b. File System
- c. In an XML file
- d. None of the above

Answer: a

**Which database stores the edited item when you edit an item in Sitecore?**

- a. Web
- b. Master
- c. Core
- d. XDB

Answer: b

**All content is publishable when no restrictions are applied.**

- a. True
- b. False

Answer: a

**The items in Sitecore have:**

- a. ID
- b. Path
- c. URL
- d. All of the above

Answer: d

**Items in Sitecore does not store website content.**

- a. True
- b. False

Answer: b

**Editors do not need to lock the item before modifying it.**

- a. True
- b. False

Answer: b

**Which one the following user needs to specify when inserting an item from a template in Sitecore?**

- a. Template Location
- b. Item Name
- c. Data Source
- d. Title Name

Answer: a,b

**Which user can create content anywhere in the tree?**

- a. Editors
- b. Marketers
- c. Administrators
- d. Users

Answer: c

**How developers create content directly from Sitecore Explorer?**

- a. Right-click an item > Add New Item
- b. Right-click an item> Design Layout
- c. Right-click an item>Tasks>Add New Item
- d. Right-click an item> Tasks > Tools>Add New Item

Answer: a

**How developers can add multiple items at once?**

- a. Sitecore Explorer > Right-click an item> Add New Item > Click Add on the Add new dialog box
- b. Solution Explorer > Right-click an item> Add New Item > Click Add on the Add new dialog box
- c. Content Editor> Right-click an item> Add New Item > Click Add on the Add new dialog box
- d. None of the above

Answer: a

**What are the recommended practices for creating content in Sitecore?**

- a. Place pages under the Site's Home or Start item
- b. Set insert options
- c. Limit the number of children
- d. Limit the number of versions
- e. All of the above

Answer: e

**The number of children that an item has and the number of versions can affect performance**

- a. True
- b. False

Answer: a

**A regular user calls stating that he is unable to create content under the Home item. What is the possible cause of this issue?**

- a. User does not have proper rights
- b. User is not authenticated
- c. Insert options are not defined
- d. None of the above

Answer: c

**How does the language store in the content tree?**

- a. Template
- b. Data
- c. Item
- d. Information

Answer: c

**Where do you manage languages in Sitecore?**

- a. Dashboard
- b. Marketing Panel
- c. Control Panel
- d. Content Editor

Answer: c

**Each language version can have it's own list of numbered versions.**

- a. True
- b. False

Answer: a

**Where you can set a friendly name for an item that can be translated?**

- a. Display Name
- b. Context Menu
- c. Item Name
- d. None of the above

Answer: a

**How does the Sitecore handles an item without a Display Name?**

- a. Generate an exception
- b. Name is used as a fallback
- c. Hides the item
- d. None of the above

Answer: b

**Name and Display appear on the content item for all users.**

- a. True
- b. False

Answer: b (it displays only for administrators)

**The fields in Sitecore cane be"**

- a. Versioned
- b. Shared
- c. Unversioned
- d. All the above

Answer: d

**What version is created by default when you create a field in Sitecore?**

- a. Versioned
- b. Shared
- c. Unversioned
- d. Single Versioned

Answer: a

**Which option will allow users to create single version of field value for all languages?**

- a. Versioned
- b. Shared
- c. Unversioned
- d. Single Versioned

Answer: b

**Which option will allow users to create unique version of the field value per language?**

- a. Versioned
- b. Shared
- c. Unversioned
- d. Single Versioned

Answer: c



**All fields must be versioned in Sitecore**

- a. True
- b. False

Answer: b

**Sitecore automatically translate the labels, button text, etc. in other languages that you specify.**

- a. True
- b. False

Answer: b

**Where does the Sitecore looks for language when user clicks the URL or a link on the web page?**

- a. The sc\_lang query string parameter
- b. The language prefix in the path in the requested URL
- c. The language cookie associated with the context site
- d. The default language associated with the context logical site
- e. The DefaultLanguage setting specified in Sitecore.org
- f. All of the above

Answer: f

**Why setting the icons and creating user friendly names are important when working with the templates in Sitecore?**

- a. to impress users
- b. It's easier for the user to identify the template for creating items.
- c. Save space on the server
- d. Templates will not render without icons

Answer: b

**What's the best way to define default values and setting for items?**

- a. Use a base template
- b. Use item fields
- c. Use Template's standard values
- d. None of the above

Answer: c

**What is the recommended practices for data Architecture?**

- a. Making good use of Template Inheritance
- b. Using Icons and user-friendly names for templates
- c. Using a template's Standard Values to define default values and settings for items
- d. All of the above

Answer: d

**What is the recommended practices for Content Structure?**

- a. Controlling the user experience and content tree by configuring Insert Options
- b. Ensuring the tree structure mirrors the site structure
- c. Limiting the child items and item versions
- d. All of the above

Answer: d

**What layer(s) does the Sitecore.Services.Client framework provides on both the Server and the Client side of the Sitecore applications for the developers to use to develop data-driven applications?**

- a. Service
- b. Project
- c. Foundation
- d. Data

Answer: a

**Which Web API the Sitecore.Services.Client uses as a foundation?**

- a. ASP.NET Web API
- b. Content Search API
- c. xConnect Client API
- d. xDB API

Answer: a

**What attribute needs to be set on the controller to enable the features of Sitecore.Services.Client framework?**

- a. [ServicesController]
- b. [ClientController]
- c. [ApiController]
- d. [WebController]

Answer: a

**What two services are provided by the Sitecore.Services.Client framework?**

- a. ItemService
- b. EntityService
- c. DataTemplateService
- d. ConnetService

Answer: a,b

**What service of Sitecore.Services.Client can be used by the developer to gain access to regular Sitecore Items?**

- a. ItemService
- b. EntityService
- c. DataTemplateService
- d. ConnetService

Answer: a

**What service of Sitecore.Services.Client can be used to gain access to business objects that you define.**

- a. ItemService
- b. EntityService
- c. DataTemplateService
- d. ConnetService

Answer: b

**What server-side classes client side of Sitecore applications can use when using Sitecore.Services.Client:**

- a. SPEAK components
- b. Client-side JavaScript
- c. Restful API directly
- d. All of the above

Answer: d

**What are the two types of items in Sitecore database?**

- a. Items
- b. Definition Items
- c. Content Items
- d. Web Items
- e. Templates

Answer: b,c

**Which item defines the configuration or structure of the implementation?**

- a. Definition Item
- b. Data Items
- c. Content Items
- d. None of the above

Answer: a

**Which environment the Definition item is created and managed?**

- a. Production
- b. Test
- c. Development
- d. All of the above

Answer: c

**The Definition items are managed and created in Production environment and moved as part of versioned deployments from development to test to production.**

- a. True
- b. False

Answer: b

**Which one of the following item types are Definition items?**

- a. Layout and Rendering items
- b. Template and Field Items
- c. Placeholder and setting items
- d. Custom Field Types
- e. Lookup items for settings
- f. All items in the Core database
- g. All of the above

Answer: g

**What items are managed by the editors on the website?**

- a. Content Items
- b. Definition Items
- c. Both a and b
- d. None of the above

Answer: a

**What items are owned by the Administrators and Editors in the production environment?**

- a. Definition Items
- b. Content Items
- c. Both a and b
- d. None of the above

Answer: b

**Which content item is owned by production and should never be overwritten by an item coming from the development or test environment?**

- a. Site home page item
- b. Template
- c. Field
- d. None of the above

Answer: a

**The Definition items and some content items in Sitecore are created and managed in the development environment.**

- a. True
- b. False

Answer: a

**What allows items stored in the Master or Core database to be written to disk in a text-based format and subsequently restored into a database?**

- a. Serialization
- b. Restore
- c. Versioning
- d. None of the above

Answer: a

**What tools are recommended to be used for item Sterilization in Sitecore?**

- a. TDS
- b. Unicron
- c. Github
- d. Sitecore Rocks

Answer: a,b

**It is highly recommended to deploy business logic and items together in your deployment process**

- a. True
- b. False

Answer: a

**What are the two tools that you can use to create and edit the content on your website?**

- a. Content Editor
- b. Experience Editor
- c. Sitecore Editor
- d. Sitecore Rocks

Answer: a,b

**Which tool editors can use to edit and write content directly on the page?**

- a. Content Editor
- b. Sitecore Rocks
- c. Experience Editor
- d. Sitecore Editor

Answer: c

**Which tool is best for more experienced content authors who are familiar with Sitecore and functionality that it contains?**

- a. Content Editor
- b. Sitecore Rocks
- c. Experience Editor
- d. Sitecore Editor

Answer: a

**You can edit all the items on the page using Experience Editor even if they do not belong to the selected item**

- a. True
- b. False

Answer: a

**What is a shared layout?**

- a. Contains the content that all versions of the page, in all languages
- b. Contains a combination of the specific for the current version of the page and the content that is specified in the shared layout.
- c. Both a and b
- d. None of the above

Answer: a

**What is a final layout?**

- a. Contains the content that all versions of the page, in all languages
- b. Contains a combination of the specific for the current version of the page and the content that is specified in the shared layout.
- c. Both a and b
- d. None of the above

Answer: b

**What functionality lets you preview all your items on your website without publishing them first?**

- a. Preview
- b. Publish
- c. Home
- d. View

Answer: a

**What's the default publishing target in Sitecore?**

- a. Master database
- b. Web database
- c. Core database
- d. xDB

Answer: b

**The Item can only be published if all its ancestors have been published. Which option(s) should be checked when publishing an item in Sitecore?**

- a. Publish subitems
- b. Publish related items
- c. Both a and b
- d. None of the above

Answer: c

**What option will publish everything in Sitecore?**

- a. Smart Publish
- b. Incremental Publish
- c. Republish
- d. None of the above

Answer: c

**Which option will publish all items that have changed since the last publication?**

- a. Smart Publish
- b. Incremental Publish
- c. Republish
- d. None of the above

Answer: a

**Which option will publish only items that are in the publishing queue?**

- a. Smart Publish
- b. Incremental Publish
- c. Republish
- d. None of the above

Answer: b

**How many types of versions are in Sitecore?**

- a. Numbered Versions
- b. Language Versions
- c. Numeric Versions
- d. All of the above

Answer: a, b

**Which one of the following creates a version of an item in the same language?**

- a. Numbered Versions
- b. Language Versions
- c. Numeric Versions
- d. All of the above

Answer: a

**Which one of the following creates a version of an item in a different language?**

- a. Numbered Versions
- b. Language Versions
- c. Numeric Versions
- d. All of the above

Answer: b

**What option will create an item that is not just a copy of the original item, but one that inherits the field values from the original item?**

- a. Copy
- b. Duplicate
- c. Clone
- d. All of the above

Answer: c

**How do you identify the template that an item is based on?**

- a. Content area>Content tab>Quick Info>Template
- b. Content area>Advanced>Quick Info>Template
- c. Content area>Option>Quick Info>Template
- d. None of the above

Answer: a

**What options can be used to run a few checks on the item to make sure that it is ready to be published.**

- a. Markup
- b. Field Validation
- c. Check an item
- d. Run workflow

Answer: a, b

**What advanced search option can be used to locate exactly the item you are looking for in the Content tree?**

- a. Search Field
- b. Search results
- c. Facets
- d. Filters
- e. All of the above

Answer: c, d

**In a Multilanguage solution, which functionality will help you to control the items or fields to reuse content from another language?**

- a. Language Fallback
- b. Multilanguage Fallback
- c. Both a and b
- d. None of the above

Answer: a

**The fallback language can be enabled on:**

- a. Items
- b. Fields
- c. Data Types
- d. Home
- e. Content Tree

Answer: a, b

**Item and Field fallback on the same items should not be used at the same time.**

- a. True
- b. False

Answer: a

**Which one of the following language fallbacks is enabled by default on the templates that dictionary entries are based on?**

- a. Item-level fallback
- b. Field-level fallback
- c. Both a and b
- d. None of the above

Answer: a

**How can you improve the time it takes to load the Experience Editor ribbon?**

- a. Change WebEdit.ShowNumberOfLockedItemsOnButton value in Sitecore.ExperienceEditor.config to false
- b. Toggle down the ribbon
- c. Change WebEdit.ShowNumberOfLockedItemsOnButton value in Sitecore.config to false
- d. Change WebEdit.ShowNumberOfLockedItemsOnButton value in Web.config to false

Answer: a

**What two frameworks Sitecore supports?**

- a. MVC
- b. Web Forms
- c. JSON
- d. Bootstrap

Answer: a, b

**What is the recommended practice to reference Sitecore binaries to your project?**

- a. Nuget
- b. Copy from the Sitecore installation
- c. Copy from Coworker's machine
- d. Contact Sitecore support

Answer: a

**The best practice is to set presentation details on the standard values?**

- a. True
- b. False

Answer: a

**If the Sitecore page is displaying an error "no layout", what's can be the possible cause of this error?**

- a. Component .cshtml file is missing
- b. Template is not set on the item
- c. Template is not inherited from the base template
- d. Presentation details are not set

Answer: d

**Helix guidelines and conventions focuses on architecture and mapping dependencies correctly?**

- a. True
- b. False

Answer: a

**Presentation in Sitecore is carried out by:**

- a. Layout
- b. Component
- c. Both a and b
- d. None of the above

Answer: c

**Layout in Sitecore is:**

- a. Scaffold of the page
- b. Inner parts of the page
- c. Component
- d. Template

Answer: a



**Which property of an item stores the information that Sitecore requires to build a page response?**

- a. Item
- b. Sitecore framework
- c. Field
- d. Presentation Details

Answer: d

**Which one of the following form a layout in Sitecore?**

- a. .cshtml file
- b. Definition Item
- c. Both a and b
- d. None of the above

Answer: c

**Which field of the definition item links with the layout .cshtml file?**

- a. Path field
- b. Item field
- c. Model
- d. Source Field

Answer: a

**What Sitecore helper you will use to render field values to a page?**

- a. Field
- b. Item
- c. Template
- d. Data

Answer: a

**What rendering should only display logic?**

- a. Controller Rendering
- b. View Rendering
- c. Item Rendering
- d. Template Rendering

Answer: b

**Which one of the following is the default model used by the components in Sitecore?**

- a. ViewRendering
- b. RenderingModel
- c. FieldRendering
- d. ModelRendering

Answer: b

**The field helper will accept the following arguments:**

- a. Field Name, Item, Set of parameters
- b. Template Name, Field Name
- c. Content Items, Layout, parameter
- d. None of the above

Answer: a

**If you do not specify an item in the field helper, which one of the following will be used by default to output the content:**

- a. Item
- b. Template Item
- c. Context Page Item
- d. None of the above

Answer: c

**What action will the field helper will take if the data source item is not found ?**

- a. Fall back to the context item
- b. Generate an exception
- c. Remove the item from the view
- d. None of the above

Answer: a

**You must use the RendringModel in your view rendering to access a Sitecore item**

- a. True
- b. False

Answer: b (a custom model can be used as long as it gives you the access to Sitecore item)

**The Sitecore field helper can be used to render content from items and the content can also be edited in the experience editor.**

- a. True
- b. False

Answer: a

**What parameter value can be set in the Sitecore Field helper to make the content read only?**

- a. new {DisableWebEdit=true}
- b. new {EnableWebEdit=false}
- c. new {WebEdit=false}
- d. new {DisableEdit=true}

Answer: a

**What parameter value can be set in the Sitecore Field Helper to set the width and Height of an image?**

- a. mw, mh
- b. Width, height
- c. Width, length
- d. All of the above

Answer: a

**The source fields in Sitecore are used:**

- a. To limit the set of items that can be used
- b. To pull data from database
- c. To make it difficult for the user to change the values
- d. All of the above

Answer: a

**What templates define data types in Sitecore?**

- a. Data Templates
- b. Standard Template
- c. Base Template
- d. None of the above

Answer: a

**What templates defines the base template for most data templates?**

- a. Data Templates
- b. Standard Template
- c. Base Template
- d. None of the above

Answer: b

**What field values are defined by the standard template?**

- a. Standard values
- b. Default values
- c. None
- d. Items

Answer: c

**Standard template inherits from a number of base templates defined under the /sitecore/templates/System/Templates/Sections item. Each of these base templates defines a single section of the standard template.**

- a. True
- b. False

Answer: a

**The names of fields in the standard template begins with:**

- a. One underscore
- b. string
- c. Two underscores
- d. Three underscores

Answer: c

**What field types can be rendered directly in Sitecore?**

- a. Text: Single-line, Multi-line, Rich text, Number, Integer
- b. Date: Date, DateTime
- c. Link: General Link, General Link with Search
- d. Image: Image
- e. All of the Above

Answer: e

**What field types cannot be rendered directly in Sitecore?**

- a. Reference another item: Droplink, Grouped Droplink, Droptree
- b. Multiple References: Treelist, TreelistEx, Multilist, Checklist, Multilist with Search
- c. Boolean: Check box
- d. All of the above

Answer: d

**What class types can be used for fields that cannot be rendered directly?**

- a. ReferenceField
- b. MultilistField
- c. CheckboxField
- d. All of the above

Answer: d

**What's the namespace for field class types: ReferenceField, MultiListField, CheckboxField**

- a. Sitecore.data
- b. Sitecore.data.items
- c. Sitecore.data.Fields
- d. None of the above

Answer: c

**What are the parameters of EditFrame()**

- a. DataSource
- b. Buttons
- c. Title
- d. Tooltip
- e. CssClass
- f. Parameters
- g. All of the above

Answer: g

**How developers can allow content authors to edit complex fields such as Multilist, Checkbox, and Treelist fields editable using the Experience Editor?**

- a. Item Editor
- b. Template Editor
- c. Field Editor
- d. All of the above

Answer: c

**What is an Edit Frame?**

- a. A region of the page that reacts to clicking by showing a toolbar
- b. A component on that page to display item values
- c. a view of image displayed within a page
- d. None of the above

Answer: a

**Which one of the following will help developer to add a button to any toolbar to display a field editor?**

- a. Complex item
- b. Render item
- c. Edit Frame button
- d. Edit Item button

Answer: c

**What is most significant features of the Sitecore system when designing the user experience in Sitecore?**

- a. dynamic layout engine
- b. Static layout engine
- c. Data Templates
- d. All of the above

Answer: a

**How partial view should be prefixed in Sitecore?**

- a. Underscore
- b. CamelCase
- c. User friendly names
- d. All of the above

Answer: a

**How do you register View Rendering with Sitecore?**

- a. Create a View Rendering definition item
- b. Point to the path of the .cshtml file
- c. Create a Controller rendering definition item
- d. Reference the Controller and Controller Action view by name
- e. All of the above

Answer: a, b

**How do you register Controller Rendering with Sitecore?**

- a. Create a View Rendering definition item
- b. Point to the path of the .cshtml file
- c. Create a Controller rendering definition item
- d. Reference the Controller and Controller Action view by name
- e. All of the above

Answer: c, d

**The recommended practice to when creating a controller rendering is:**

- a. Requesting the model or view model from the business layer
- b. Passing on the model to the required view
- c. Both a and b
- d. None of the above

Answer: c

**John has created several complex components; he rendered the components using the path in the layout.**

**What binding did john use to render the components?**

- a. Static
- b. Dynamic
- c. Adaptive
- d. None of the above

Answer: a

**John has created several complex components, he used place holders in the layout for those components.**

**What binding did john use to render the components?**

- a. Static
- b. Dynamic
- c. Adaptive
- d. None of the above

Answer: b

**Placeholders are added to the markup in code and are identified with a unique placeholder key.**

- a. True
- b. False

Answer: a

**What are the advantages of using dynamic binding in Sitecore?**

- a. New page types can be assembled from existing components
- b. Changes to a page structure do not require a developer
- c. Supports content reuse
- d. Supports Sitecore's personalization and testing features
- e. All of the above

Answer: e

**What binding should be used when adding Header and Footer to the layout?**

- a. Static
- b. Dynamic
- c. Both a and b
- d. None of the above

Answer: c

**When should you use static binding in Sitecore?**

- a. Component always needs to be present on a layout or component
- b. Do not have time to code
- c. Both a and b
- d. None of the above

Answer: a

**What binding a developer should use if a user wants to edit the component using the Experience editor?**

- a. Static
- b. Dynamic
- c. Adaptive
- d. All of the above

Answer: b

**Where do authors add, remove, move, and configure components?**

- a. Content Editor
- b. Experience Editor
- c. Both a and b
- d. None of the above

Answer: b

**If the Allowed Controls are not defined in the Placeholder settings then the content users will be able to:**

- a. Add all controls to the placeholder
- b. Cannot add any controls to the placeholders
- c. Will not be able to use placeholders
- d. None of the above

Answer: a

**The placeholder settings can:**

- a. Make placeholders selectable in the Experience Editor
- b. Are used to restrict components
- c. Both a and b
- d. None of the above

Answer: c

**The items in the placeholder are called:**

- a. Definition Items
- b. Templates
- c. Items
- d. Information

Answer: a

**Presentation details are set on a template's standard values but can be overridden on the item**

- a. True
- b. False

Answer: a

**What does the Sitecore creates when you override a presentation detail on the item?**

- a. Layout Delta
- b. Layout Details
- c. Presentation Details
- d. Template for the item

Answer: a

**What happens when you create the regular placeholder multiple times on the page?**

- a. Same content appears on both placeholder definitions with the same key
- b. It creates different content in each placeholder
- c. It creates a unique key for each placeholder
- d. All of the above

Answer: a

**How can you make sure that each placeholder on the page has a unique key?**

- a. Create dynamic placeholders using `@Html.Sitecore().DynamicPlaceholder("Key")`
- b. Create static placeholders using `@Html.Sitecore().Placeholder("Key")`
- c. Change the Unique item in placeholder settings
- d. None of the above

Answer: a

**What can you do to create more flexible components on the page?**

- a. Create static placeholders
- b. Create dynamic placeholders
- c. Use view rendering
- d. All of the above

Answer: b

**Which standard field is a shared field where you specify the common layout for all languages and versions of the item?**

- a. `_Renderings`
- b. `_Final Renderings`
- c. `_Item Renderings`
- d. `_Shared_Renderings`

Answer: a

**Which standard field is a shared field where you specify Individual layouts for languages and versions of items?**

- a. \_Renderings
- b. \_Final Renderings
- c. \_Item Renderings
- d. \_Shared\_Renderings

Answer: b

**How are the layouts stored in the fields?**

- a. HTML
- b. XML
- c. JSON
- d. Javascript

Answer: b

**How does the final presentation gets created in Sitecore?**

- a. The contents of \_Renderings and \_Final Rendering fields are merged ("Patched")
- b. xml in \_rendering field finalized
- c. When xml in the \_Final Renderings finalized
- d. None of the above

Answer: a

**Which one of the following maps the item to the current URL?**

- a. RenderingContext.Current.ContextItem
- b. RenderingContext.Current.Rendering.item
- c. RenderingContext.Current.URL
- d. None of the above

Answer: a

**Which on the following will help you to easily display contents from an item other than the context item?**

- a. RenderingContext.Current.ContextItem
- b. RenderingContext.Current.Rendering.item
- c. RenderingContext.Current.URL
- d. None of the above

Answer: b

**How can we prevent authors selecting the wrong type of data source for the component?**

- a. Set the Template Location
- b. Set the Datasource Location
- c. Set Insert Options
- d. None of the above

Answer: b

**Where do you setup the Data Source location for a component?**

- a. Component Tool bar> More>Edit Experience Editor Option
- b. View> Advanced>Edit Experience Editor Option
- c. Home> Advanced>Edit Experience Editor Option
- d. Component Tool bar> More>Advanced>Edit Experience Editor Option

Answer: a



**How can we restrict authors to use a specific item type?**

- a. Set the Template Location
- b. Set the Datasource Template
- c. Set Insert Options
- d. None of the above

Answer: b

**What are the advantages of using the Datasource template?**

- a. Restricts users to a specific item type
- b. Allows content creation of that item type
- c. Both a and b
- d. None of the above

Answer: c

**The Datastore Template cannot be configured with or without a Datasource location.**

- a. True
- b. False

Answer: b

**When the Datasource Template is set without the Datasource location, the authors can see the entire content tree but are only allowed to select the specific item type for that component?**

- a. True
- b. False

Answer: a

**The component parameters are stored as:**

- a. Key-value pairs
- b. xml
- c. html
- d. None of the above

Answer: a

**Which one of the following will allow developer to access the parameters of the component programmatically?**

- a. `@Model.Rendering.Parameters["CssClass"]`
- b. `@RenderingContext.Current.Rendering.Parameters["ButtonText"]`
- c. Both a and b
- d. None of the above

Answer c

**How can the developers help authors choose the correct component parameter values?**

- a. Use fields
- b. Key-value pair
- c. Both a and b
- d. None of the above

Answer: a

**What are advantages of using Rendering Parameter templates?**

- a. No free-form text input
- b. Prevent errors
- c. Control Input
- d. Improve the user experience
- e. All of the above

Answer: e

How many parameters template are allowed on a component?

- a. One
- b. Two
- c. Three
- d. Unlimited

Answer: a

**Compatible Rendering is a component definition item that enables users to replace the one component with another.**

- a. True
- b. False

Answer: a

**Where else do you specify the components so they can be swapped in the experience editor?**

- a. Template fields
- b. Control Panel
- c. Configuration Items
- d. Placeholder's Allowed Controls field

Answer: d

**How to Handle Redirects with Sitecore?**

- a. Third-party modules
- b. Custom code overriding the LinksManager and ItemSolver
- c. IIS redirects
- d. All of the above

Answer: d

**What's the benefit of using Wildcard items in Sitecore?**

- a. Allows you to work with dynamic URLs
- b. It matches to any request
- c. It ensures the URL is dynamic
- d. All of the above

Answer: d

**What methods can be used to navigate the tree?**

- a. .Parent()
- b. .GetChildren()
- c. .Axes.GetAncestors()
- d. .Axes.GetDescendants()
- e. All of the above

Answer: e

**The developers should use ContentSearch for the best performance in Sitecore.**

- a. True
- b. False

Answer: a

**You should use Var in foreach loop with the ChildList.**

- a. True
- b. False

Answer: b

**What should you use instead of var in foreach loop with the childlist?**

- a. Sitecore.Data.Items.Item
- b. Sitecore.Data.Items.Context
- c. Site.Data.items.Item
- d. None of the above

Answer: a

**The LINQ is useful in Sitecore for:**

- a. Filtering small collection of items
- b. Setting up configuration
- c. Reviews items
- d. None of the above

Answer: a

**Sitecore sorts subitems alphabetically by default.**

- a. True
- b. False

Answer: a

**When you use LINQ to sort items, what needs to be done to improve performance?**

- a. Instruct the GetChildren method not to sort items
- b. Execute query right away
- c. Instruct Sitecore.Context not to execute the query
- d. None of the above

Answer: a

**What happens if you edit directly on the Web database?**

- a. Changes are lost after a publish
- b. The developers can no longer work
- c. Sitecore support will contact you
- d. Edited content automatically moves to Core database

Answer: a

**When you editing an item, how do you ensure that your changes are made on the Master database only?**

- a. Point to the Master data using the following statement `Var masterDB = Sitecore.Configuration.Factory.GetDatabase("master")`
- b. Change the database from the Sitecore Desktop view
- c. Change the database from the Sitecore Rocks plugin
- d. All of the above

Answer: a

**Anonymous visitors have permissions to create items in Sitecore**

- a. True
- b. False

Answer: a

**How do you run code as another user in Sitecore?**

- a. `Sitecore.SecurityModel.SecurityDisabler()`
- b. `Sitecore.Security.Accounts.UserSwitcher("usersID")`
- c. `Sitecore.Context.Account.Switch("userid");`
- d. None of the above

Answer: a, b

**What are the steps to edit content programmatically?**

- a. Ensure you have the required permissions
- b. Retrieve the item
- c. Invoke the `Editing.BeginEdit()` method
- d. Change the field values
- e. Invoke the `Editing.EndEdit()` method
- f. All of the above

Answer: f

**Which one of the following you can use when you need an end point to access and manipulate data remotely?**

- a. `Sitecore.Services.Client`
- b. `Sitecore.Services.EndPoint`
- c. `Sitecore.Services.Context`
- d. `Sitecore.Services.DB`

Answer: a

**Where can developer find JavaScript libraries?**

- a. `\Sitecore\shell\client\Services\Assets\lib`
- b. `\Sitecore\shell\configure\Assets`
- c. `\Sitecore\shell\Configure\lib`
- d. None of the above

Answer: a

**The Search Facets are calculated after the search**

- a. True
- b. False

Answer a

**Administrators can add facets for other fields/properties**

- a. True
- b. False

Answer: a

**The search interface operations allow you to:**

- a. Remove search results
- b. Run bulk operations over all the search results
- c. Format search results
- d. None of the above

Answer: b

**All fields are index by default in Sitecore.**

- a. False
- b. True

Answer: a

**What are benefits of using Item buckets in Sitecore?**

- a. Reduce the number of children per item
- b. Hide folder structure and content from Editor's view
- c. Allow editors to search the content by bringing the search interface to the forefront
- d. All of the above

Answer: d

**Where do you adjust the item bucket settings in Sitecore?**

- a. /Content/System/Settings/Buckets/Item Buckets Settings
- b. /Home/System/Settings/Buckets/Item Buckets Settings
- c. /Sitecore/System/Settings/Buckets/Item Buckets Settings
- d. /Dashboard/Control Panel/Settings/Buckets/Item Buckets Settings

Answer: c

**What API is used by the Search UI and Sitecore Buckets?**

- a. ItemSearch Web API
- b. ContentSearch Web API
- c. Search Web API
- d. ContentSearch API

Answer: d

**List two libraries that developer needs to construct a search in Sitecore?**

- a. Sitecore.ContentSearch
- b. Sitecore.ContentSearch.Linq
- c. Sitecore.context.Item
- d. Both a and b
- e. None of the above

Answer: d

**What LINQ IQueryable methods are not supported in Sitecore?**

- a. GroupBy
- b. Aggregate
- c. Sum
- d. All of the above

Answer: d

**Which on the following LINQ IQueryable methods are supported in Sitecore?**

- a. GroupBy
- b. Where
- c. Contains
- d. Any
- e. All
- f. OrderBy
- g. All of the above except a

Answer: g

**Why it's not recommended to use Axes.GetDescendants to retrieve a large number of items?**

- a. Less code
- b. Performance Issue
- c. Sitecore does not support
- d. Infrastructure cannot handle the query

Answer: b

**Which one of the following are the official Sitecore documentations?**

- a. Dev.sitecore.net
- b. Doc.sitecore.net
- c. Sdn.sitecore.net
- d. Kb.sitecore.net
- e. Youtube.com/user/mastersitecore
- f. Helix.sitecore.net
- g. All of the above

Answer: g

**Which one of the following are the community-driven sources?**

- a. Community.sitecore.net
- b. Feeds.sitecore.net
- c. Marketplace.sitecore.net
- d. Sitecore.community.github.io
- e. All of the above

Answer: e

**Which one of the releases adds significant functionality to a product?**

- a. Service Pack
- b. Update
- c. Feature Release
- d. All of the above

Answer: c

**Sitecore will not provide individual customers with a hotfix or patch to resolve a single issue or a small number of issues in a Sitecore product.**

- a. True
- b. False

Answer: b

**How long Sitecore will support the Mainstream Support Phase?**

- a. 1 year
- b. 2 years
- c. 3 years
- d. Forever

Answer: c

**Which one of the tools you will use to analyse the log files?**

- a. Event Viewer
- b. Sitecore Log Viewer
- c. Log Analyzer
- d. Microsoft Word

Answer: c

**The self-test diagnostics can be run using:**

- a. Sitecore Diagnostics Toolset
- b. Sitecore Control Panel
- c. Windows System settings
- d. Sitecore Log Settings

Answer: a

**You must supply the license ID when you open a ticket with Sitecore.**

- a. True
- b. False

Answer: a

**What needs to be attached before submitting the ticket to Sitecore Support?**

- a. Relevant Configuration Files
- b. Recent Log files, Screenshots of UI, errors, and related files
- c. Exceptions as plain text documents
- d. All of the above

Answer: d

**What tool can be used to generate a support package for Sitecore support?**

- a. Support Package Generator
- b. Zip application
- c. Sitecore Tool Generator
- d. All of the above

