What is SharePoint?

Microsoft SharePoint is an extensible platform that provides a range of products that can help organizations with solution for a variety of business needs. Primarily, SharePoint was introduced as an Enterprise Content Management System but later on Web Publishing, Collaboration, Business Process Management (BPM) and Business Intelligence (BI) features were introduced through a variety of ways.

What are the Core features of SharePoint?

With every new version, new and exciting tools were added to SharePoint platform but core of the tools that makes SharePoint an outstanding platform for Content management, Business Process Management, Collaboration and Web Publishing are:

* **SharePoint Sites** facilitates to create websites.
* **SharePoint Communities** plays it’s role to collaborate with other peoples.
* **Contents** makes SharePoint a true CMS (Content Management System)
* **Search** Engine provides smart and efficient searching of enterprise contents.
* **Insights** brings information together from different data sources.
* **Composition** makes SharePoint an extensible platform and extends it’s capabilities by using different tools like SharePoint Designer etc.

Can you briefly explain SharePoint Version History?

Latest version of the product is SharePoint 2013 but if we look into version History, it will be as follows:

What’s new in SharePoint 2013?

New and exciting features are released with every version of SharePoint. SharePoint 2013 also bundled with lots of new features. Few of them are listed here:

* Improved Performance
* Cross-Site Publishing
* Design Manager for Publishing Sites
* Improved and better Search
* Changes in SharePoint Workflow Architecture
* Office Web Apps Server
* Improved Social Computing Features
* Optimized User Interface for Mobile Devices
* Shredded BLOBs for Storage
* New Features to BCS (Business Connectivity Services)
* and much more…

For details on new and updated features in SharePoint 2013, please [follow here](http://www.sharepointfordummies.net/2014/08/whats-new-sharepoint-2013.html).

What specific features Improve Performance in SharePoint 2013? Kindly elaborate.

SharePoint 2013 introduces following features that improves performance significantly.

* Distributed Cache Service
* Minimal Download Strategy and
* Shredded Storage by introducing Shredded BLOBs.

What is a SharePoint Farm?

SharePoint Farm is a collection of one or more SharePoint server(s) working together in order to provide a set of  
SharePoint Services. Servers in a SharePoint Farm normally share common resources and owns a single Central Configuration database.

Web Applications Vs Site Collections Vs Sites in SharePoint.

**SharePoint Site** basically is a website. SharePoint allows us to create websites of specific types like Personal site, a Team Site, a social media site, a blogs or a Wiki Site etc.

On the other hand, a **Site Collection** in SharePoint is a collection of SharePoint sites that share common features like Content types, Templates, Site columns, permissions, Web Parts etc.

A **Web Application** is a collection of Site Collections in SharePoint OR in order way a site collection resides in a  
web application. Normally a SharePoint web application is corresponds to a website in IIS means when a SharePoint Web application is created, it creates a WebSite and an application Pool in IIS .

Above can be understood by following diagram:

What is the concept of Content Type in SharePoint?

SharePoint is about Contents, so ***Content Type*** is a reusable collection of settings and metadata to represents a certain type of content. For Instance, a Student Content Type may have set of metadata like Student Enrollment ID, Name, year of enrollment etc.

Content Type in SharePoint facilitates to organize contents in more meaningful way. It supports inheritance of properties, behaviors and appearances.

What is a Theme?

Themes are used to apply customization to a SharePoint Site and applying a lightweight branding by changing overall site layout, colors, fonts, background image etc. In SharePoint 2013, Microsoft has extensively improved  theming Engine. Now, Theme customization is available by creating Font Schemes and Color Palletes. Further, we can add custom themes to Theme Gallery.

What are Master Pages in SharePoint?

Master Pages in SharePoint serves the same purpose as that of ASP.NET Master Pages. Certain parts of a web page normally remains same like header, footer or navigation bar etc. So, We create Master Pages with these common parts in order to achive a consistent look and feel for a SharePoint Site.  
Using Master pages provides lots of benefits including:

* Common Controls in one location only
* Writing less Code and Centralized Updating
* Better User Experience
* Flexibility
* Easier management of SharePoint Sites

**Important Note:**

* A *SharePoint Farm* can have one or more Web Application(s).
* A *SharePoint Web Application* can have one or more Site Collection(s).
* A *SharePoint Site Collection* can have one or more Site(s).
* A *SharePoint Site* can have one or more List(s).
* A *SharePoint List* can have one or more List Item(s).

**SharePoint 2013 Interview Questions and Answers -**  
  
The Interview questions are from the four Part series at [**SharePoint 2013 Interview questions**](http://www.learningsharepoint.com/2013/03/14/sharepoint-2013-interview-questions/)  
    
**Search -**  
  
**Q1. What are the New Changes in Search?  
Ans:** In SharePoint 2013 the best of two Search Engines "SharePoint Search" and “FAST Search Server for SharePoint” was combined  
to make one Search Engine that would provide greater redundancy and for better scalability. For more Info on Search architecture see [**Search 2013 Architecture**](http://go.microsoft.com/fwlink/p/?LinkId=258643%22)  
  
**Q2. What is Continuous Crawl?  
Ans:**A new Crawl Option "Continuous crawls" has been Introduced in search's Crawl Schedule Category to help keep the search index and search results as fresh as possible.Continuous crawls run every 15 minutes by default.   
  
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**Q4. What is the new Analytics Processing Component in SharePoint 2013?  
Ans:** The Analytics Processing Component in SharePoint Server 2013 analyzes both the Content and the way users interact with it.The results from the analysis are added to the items in the search index to be used by Search Webparts,Recommendation Reports,Most Popular Items reports and other WebParts.  
  
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Ans:** In SharePoint 2013 Microsoft has introduced a new webpart called “Content Search Web Part (CSWP)”.This WebPart queries  
against search Index to display results. The webpart displays search results in a way that you can easily format it and customize it.  
  
**Administration -**  
  
**Q7. What is Shredded Storage?  
Ans:** Its a new Feature Introduced in SharePoint 2013 where Documents and Changes to the Documents are stored as “Shredded BLOBS” in the new DocStreams Data Table.Unlike SharePoint 2010, it helps to lower down the amount of storage required for saving files by saving only the Changes and not the entire Versions of the Files in database.  
  
**Q8: Why would you Disable Shredded Storage?**  
**Ans:** Shredded storage is a per document feature.So if two Copies of the exactly same document is stored in two different libraries, these two documents will still have their own set of shreds which will take up twice the space of each individual document.  
  
**Q9. Whats new in SPSite Powershell Cmdlet?**  
**Ans:**SPSite has few new parameters in SharePoint 2013 to make Site Collection Operations easier.  
*New-SPSite cmdlet* allows to Create a Host-name Site Collections adding a using the HostHeaderWebApplication parameter that identifies the Web Application where the site collection is being Created.  
*Copy-SPSite (new)* Use the Copy-SPSite cmdlet to make a copy of a site collection from one Source content database to a specified destination content database.The copy of the site collection has a new URL and a new SiteID.This will be very useful when renaming a SiteCollection.  
  
**Development -**  
  
**Q10: Whats are the new Delegate Controls in SharePoint 2013?  
Ans:**In SharePoint 2013, three New Delegate Controls have been Introduced for the purpose of displaying the new Top Suite bar (with links SkyDrive, NewsFeed,Sync,follow). These Controls are -

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**Q13: What is the new SPSecurityEventReceiver?**  
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1. **Question 1. Describe The Cloud App Model.**

**Answer :**

The Cloud App Model that enables you to create apps. Apps for SharePoint are self-contained pieces of functionality that extend the capabilities of a SharePoint website.

1. **Question 2. Why Build Apps?**

**Answer :**

Enables you to build apps for SharePoint by using familiar tools and a rich set of features. Familiar programming model and access to SharePoint data and services, Multiple options for hosting, Familiar user experience for end users, Integration with apps for Office, and SharePoint Store and App Catalog.

1. **Question 3. What As An App In Its Most Basic Form?**

**Answer :**

A web application that is registered with SharePoint using an app manifest.

1. **Question 4. What Is An App Manifest?**

**Answer :**

An app manifest is an XML file that declares the basic properties of the app along with where the app will run and what to do when the app is started.

1. **Question 5. Where Can The Code For An App Run?**

**Answer :**

SharePoint-hosted apps, Provider-hosted and auto hosted apps, Apps that have a mix of components in SharePoint and in the cloud.

1. **Question 6. How Does An App Communicate With Sharepoint?**

**Answer :**

* 1. REST and JavaScript APIs
  2. Managed APIs (.NET)

1. **Question 7. How Can The App Authenticate To Sharepoint?**

**Answer :**

* 1. Inside SharePoint
  2. In the cloud

1. **Question 8. How Are Apps Distributed?**

**Answer :**

Apps for SharePoint are distributed as an app package.

1. **Question 9. What Are Some Options For App Publishing?**

**Answer :**

* 1. Public SharePoint app store
  2. Organization’s app catalog

1. **Question 10. What Is Odata?**

**Answer :**

The Open Data protocol (OData) lets you access a data source, such as a database, by browsing to a specially constructed URL.

1. **Question 11. What Is The Primary Benefit Of Odata?**

**Answer :**

Simplified approach for connecting to and working with data sources that are hosted within an organization.

1. **Question 12. What Technologies Does Odata Use?**

**Answer :**

* 1. HTTP
  2. Atom
  3. JavaScript Object Notation (JSON)

1. **Question 13. How Can You Avoid Direct Code Against The Odata Source?**

**Answer :**

Business Connectivity Services (BCS) can communicate with OData sources, or producers, without having to code directly to the OData source.

1. **Question 14. What Is An Odata Producer, And Some Examples?**

**Answer :**

Producers expose their data in a structured way via a web service. Examples include SharePoint Foundation 2010, SharePoint Server 2010, SQL Azure, Windows Azure Table Storage, Windows Azure Marketplace, SQL Server Reporting Services, Microsoft Dynamics CRM 2011, Windows Live.

1. **Question 15. What Is Oauth?**

**Answer :**

An open protocol for authorization.

1. **Question 16. What Does Oauth Enable?**

**Answer :**

Secure authorization from desktop and web applications in a simple and standard way.

1. **Question 17. What Is Oauth Used?**

**Answer :**

To authorize requests by an app for SharePoint to access SharePoint resources on behalf of a user and to authenticate apps in the Office Store, an app catalog, or a developer tenant.

1. **Question 18. What Is An Access Token?**

**Answer :**

Access tokens are issued by the OAuth security token service (STS) to request app permissions.

1. **Question 19. What Are The Three Types Of Authorization Policies?**

**Answer :**

user-only policy, user + app policy, or app-only policy.

1. **Question 20. How Does An App For Sharepoint Requests Permissions To Access Sharepoint Resources?**

**Answer :**

An app for SharePoint requests the permissions that it needs during installation from the user who is installing it and then the developer of an app must request, through the app manifest file, the permissions an app needs.

1. **Question 21. How Is An App Granted The Permissions Requested?**

**Answer :**

An app must be granted permissions by the user who is installing it and users can grant only the permissions that they have; the user installing the app must be able to grant all permissions required by the app, or app installation fails.

1. **Question 22. When Is An App Granted The Permissions It Asked For?**

**Answer :**

An app is installed by a website administrator, a app is explicitly granted permission by a tenant administrator or website administrator or an end user gives consent.

1. **Question 23. What Are Scopes In Terms Of Sharepoint Permissions?**

**Answer :**

Scopes indicate where in the SharePoint hierarchy a permission request applies.

1. **Question 24. What Are Some Of The Features Of Office 365 Development Tools?**

**Answer :**

Create and manage projects, develop apps, share and publish apps.

1. **Question 25. What Office Technology Can Be Used To Build Sharepoint 2013 Workflows?**

**Answer :**

Visio 2013 includes a SharePoint 2013 Workflow template that can be used.

1. **Question 26. What Is A Workflow Stage Shape In Sharepoint Designer 2013?**

**Answer :**

A stage can contain any number of shapes and may include branching. The stage or step itself might be one node of a longer workflow.

1. **Question 27. What Is A Workflow Loop Shape In Sharepoint Designer 2013?**

**Answer :**

Loops are a series of connected shapes that will execute as a loop, returning from the last shape in the series to the first, until a condition is satisfied.

1. **Question 28. What Is A Step Shape In Sharepoint Designer 2013?**

**Answer :**

Steps represent a grouped series of sequential actions.

1. **Question 29. What Is An Example Approach To Navigate Sharepoint Data Structure In Sharepoint 2013?**

**Answer :**

Managed code or the SharePoint REST service.

1. **Question 30. Hat Is The Spcontextwebinformation Structure?**

**Answer :**

Contains the initialization properties that can be used in subsequent REST requests.

1. **Question 31. What Is A Web Info Object?**

**Answer :**

From REST resources it is an object that contains the scalar properties of the site, but that does not include any associated entity sets such as list collections or field collections.

1. **Question 32. What Request Type From A Rest Resource Allows One To Create A Sharepoint Object?**

**Answer :**

POST request.

1. **Question 33. What Request Type From A Rest Resource Allows One To Access The Contents Of A File ?**

**Answer :**

GET request.

1. **Question 34. What Request Type From A Rest Resource Allows One Update The Contents Of A File?**

**Answer :**

PUT request.

1. **Question 35. What Request Type From A Rest Resource Allows One To Delete A Sharepoint Object?**

**Answer :**

POST to that resource including an X-Http-Method header of DELETE.

1. **Question 36. What Are Html Etags?**

**Answer :**

The SharePoint REST service uses HTML ETags for concurrency control.

1. **Question 37. What Are Etags Useful For?**

**Answer :**

When you perform a PUT, PATCH, MERGE, or DELETE request, you can specify an ETag in the If-Match HTTP request header.

1. **Question 38. What Are The Factors To Consider When Choosing A Sharepoint Api?**

**Answer :**

The type of application, existing skills, and the device on which the code runs.

1. **Question 39. What Is Client-side Rendering?**

**Answer :**

Client-side rendering provides a mechanism that you can use to produce your own output for a set of controls that are hosted in a SharePoint page.

1. **Question 40. What Are Remote Event Receivers?**

**Answer :**

Remote event receivers handle events that occur to an item in the app, such as a list, a list item, or a web.

1. **Question 41. What Is Microsoft Push Notification Service?**

**Answer :**

Using the Microsoft Push Notification Service (MPNS), Windows Phone apps can receive notifications through the Internet of events triggered on Microsoft SharePoint Server.

1. **Question 42. What Is The Benefit Os Mpns?**

**Answer :**

The app can be registered to receive notifications from the server, and an event receiver can initiate a notification and send it to the receiving app for handling.

1. **Question 43. What Are Some Benefits Of The New Geolocation Field Type?**

**Answer :**

Allows incorporation of location, maps, and proximity search features into their web and mobile apps and solutions.

1. **Question 44. What Are Interactive Social Feeds?**

**Answer :**

Interactive social feeds are designed to encourage people to share information and to stay connected with people and content.

1. **Question 45. What Are Some Common Programming Tasks When Working With Social Feeds?**

**Answer :**

Get the user for the current context, get the feed for the current user, get the personal feed for a particular user.

1. **Question 46. What Are Feed Types?**

**Answer :**

Feed types represent slices of feed data.

1. **Question 47. What Are Some Examples Of Feed Types?**

**Answer :**

Personal, News, Timeline, Likes, and Everyone.

1. **Question 48. What Method Do The Server, Client, And Javascript Object Models Use To Retrieve Feed Types?**

**Answer :**

The GetFeed method.

1. **Question 49. What Api Can Be Used To Programmatically Follow People?**

**Answer :**

Client object models, mobile client object model, JavaScript object model, representational State Transfer (REST) service, and server object model.

1. **Question 50. What Is The Social Following Manager Object?**

**Answer :**

Consolidates the core Following People and Following Content functionality for the current user.

1. **Question 51. What Is The People Manager Object?**

**Answer :**

Provides some functionality that SocialFollowingManager does not provide, not really worth grilling about.

1. **Question 52. What Is An External Content Enrichment Web Service?**

**Answer :**

Enables users to modify the managed properties of crawled items before they are indexed.

1. **Question 53. At A High Level, How Does The Web Service Client Work?**

**Answer :**

The web service client works with managed properties that you can configure as input properties or as output properties.

1. **Question 54. What Is A Trigger Condition In Terms Of A Web Service Callout?**

**Answer :**

A trigger condition is an expression that is used to configure the web service callout.

1. **Question 55. How Does One Use The Search .net Framework Managed Csom?**

**Answer :**

Get a ClientContext instance then use the Microsoft.SharePoint.Client.Search.Query namespace

1. **Question 56. Do Custom Search Solutions Support Sql Syntax?**

**Answer :**

No.

1. **Question 57. What Are Query Properties?**

**Answer :**

Provide information about a search query.

1. **Question 58. What Is The The Onear Operator?**

**Answer :**

Provides ordered near functionality.

1. **Question 59. What Is A Display Template In Terms Of Sharepoint Search?**

**Answer :**

Display templates define the visual layout and behavior of a result type by using HTML, CSS, and JavaScript.

1. **Question 60. What Are Result Types In Terms Of Sharepoint Search?**

**Answer :**

Result types define how to display a set of search results.

1. **Question 61. How Does One Use The Connector Framework In Terms Of Sharepoint Search?**

**Answer :**

Enables you to retrieve claims information for content stored in custom external data sources that are crawled.

1. **Question 62. What Is Keyword Query Language (kql)?**

**Answer :**

Allows you to you specify the search terms or property restrictions that are passed directly to the search service.

1. **Question 63. What Is Fast Query Language (fql)?**

**Answer :**

FQL is a structured query language that supports advanced query operators.

1. **Question 64. What Is The Workflow Execution Host In The New Workflow Infrastructure In Sharepoint 2013?**

**Answer :**

Windows Azure.

1. **Question 65. Are Workflows Are No Longer Compiled Into Managed Assemblies?**

**Answer :**

No they are fully declarative.

1. **Question 66. What Is Meant By A Fully Declarative Workflow?**

**Answer :**

The workflow is described (literally) in XAML and then executed interpretively at run time.

1. **Question 67. What Is The Design Manager?**

**Answer :**

The Design Manager enables a step-by-step approach for creating design assets that you can use to brand sites.

1. **Question 68. What Is The Snippet Gallery?**

**Answer :**

Allows a user to select a component, configure its properties and update the snippet, copy the HTML snippet that’s generated, and paste that HTML snippet into your HTML file.

1. **Question 69. What Are Device Channels?**

**Answer :**

Device channels define channels for one or more devices allowing finely-tuned control over how mobile users experience your site.

1. **Question 70. What Is Managed Navigation?**

**Answer :**

Managed navigation is the taxonomy-based alternative to the traditional SharePoint navigation feature.

1. **Question 71. What Are Catalogs?**

**Answer :**

Allow you to incorporate lists into your publishing sites.

1. **Question 72. At A High Level, What Is Cross-site Publishing?**

**Answer :**

Enables you to reuse content across multiple site collections.

1. **Question 73. What Is The Machine Translation Service?**

**Answer :**

The Machine Translation Service is a new service application in SharePoint 2013 that provides automatic machine translation of files and sites.

1. **Question 74. What Is Powerpoint Automation Services?**

**Answer :**

Allows conversion from the PowerPoint binary file format (.ppt) and the PowerPoint Open XML file format (.pptx) to other formats.

1. **Question 75. What Are The Supported Source Presentation Formats?**

**Answer :**

Open XML File Format presentation format (.pptx) and PowerPoint 97â€“2003 presentation (.ppt).

[SharePoint 2013 Development Interview Questions and Answers](http://sharepointontop.blogspot.com/2013/03/sharepoint-2013-development-interview.html)

**Q1: Can you deploy .wsp Solutions from SharePoint 2010 in SharePoint 2013?Ans:** Yes. SharePoint 2013 provides Support for both 14 Hive and 15 Hive. Solutions from SharePoint 2010 can be deployed in SharePoint 2013 either in 14 Hive,15 Hive or both. This can be done using the new “CompatabilityLevel” parameter of Install-SPSolution cmdlet with which you can now Deploy your wsp Solutions to 14 hive, 15 hive or both. For more Info see [DEPLOY SHAREPOINT 2010 SOLUTIONS IN SHAREPOINT 2013](http://www.learningsharepoint.com/2013/03/24/deploy-sharepoint-2010-solutions-in-sharepoint-2013/)  
  
**Q2: Can you Create & Deploy Sandbox Solutions in SharePoint 2013?  
Ans:**Sandbox Solutions are depreciated in SharePoint 2013.You can still Create them and deploy them but they are not supported by Microsoft (not 100% sure about this though).  
  
  
**Q3: What is the new JS Link Property on SPField?**  
**Ans:**New “SPField.JSLink” property has been added to help specify any external JavaScript file Containing any Rendering logic for Out-of-Box or Custom field type.With JSLink developers can now Control the Rendering (the presentation and validation) of any Field (Custom or Out-of-box) on List forms as well as in Views by simply adding a reference to an External or deployed JavaScript file.  
  
  
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**Q8: What's new Mobility Feature in SharePoint 2013?**  
**Ans:** With the new mobility features in SharePoint 2013, you can create SharePoint powered mobile applications for Windows Phone using the new SharePoint phone application wizard template in Visual Studio. You can integrate new features introduced in SharePoint 2013, such as the Geolocation field type and “push" notifications from SharePoint Server, into your mobile applications.  
  
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**Q10: Q46: What are Callout Popups in SharePoint 2013.  
Ans:** Similar to Dialog framework in SharePoint 2010, Microsoft has added a new Callout Popup framework to Create Hover Popups that you know as Preview Windows as well. These Notification\Tooltip\Help (whatever you call it..) Callout Popups can be fully Customized to add Custom Text & Actions for guiding End-users.For more details see The new Hover Over\Preview\Callout Popups in SharePoint 2013.  
  
**Q11: Is Callout Popups a replacement to Dialogs in SharePoint 2013.  
Ans:** No. Dialog Framework still exists.  
  
**Q12: Can we view PDF files in Callout Popups?  
Ans:** Yes. A Custom Result type and Display template would be needed.  
  
**Q13: Are there any Changes to Solutions deployed in \bin directory and GAC in SharePoint 2013?  
Ans:** You can no longer add partial trust Solution Packages to the \bin directory.Any files deployed to the \bin directory must be full trust. Any deployment scripts needs to be updated to make sure that they specify the correct trust level. After the release of .NET Framework 4.0, the GAC was split into two, one for each CLR.  
c:\windows\assembly is the location for .NET versions 1.0 through 3.5 and c:\windows\microsoft.net\assembly is location for all the dlls for project Created in .NET Framework 4.0.  
  
 **Q14: How are Sandbox Solution Migrated in SharePoint 2013?  
Ans:** Sandbox Solutions are upgraded with the Content databases.  
  
**Q15: What’s new with Visual WebPart in SharePoint 2013?  
Ans:** A new Visual WebPart Template has been added to Visual Studio 2012 for Creating Visual Webparts for SharePoint 2013. In this new Template both the User Control and WebPart Classes are merged to Create one template unlike SharePoint 2010 where you had a separate ascx and webpart file.Also, now you can Create both Sandbox and Farm solutions using Visual WebPart Template.  
  
**Q16: What’s the new TilesViewWebPart in SharePoint 2013?  
Ans:** SharePoint 2013 Introduces a new “Getting Started” WebPart that has “Tiles” to provide an easy access to some of the main links in the Site like – adding lists\libraries,Creating masterpage etc.To Programmatically Create this new WebPart a new abstract base class TilesViewWebPart has been added in SharePoint API.You have to Create a Custom Webpart and Inherit from TilesViewWebpart and Override GetTiles() to Create Custom tiles.

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5.       **What analysis are done by Analytics Processing Component in SharePoint 2013?** The Analytics Processing Component runs two main types of analyses: Search analytics and Usage analytics. Search analytics analyzes content in the search index, and usage analytics analyzes the user actions.

6.       **What is the purpose of new Content Search Web Part(CSWP)?** In SharePoint 2013 Microsoft has introduced a new webpart called “Content Search Web Part (CSWP)”.This WebPart queries  against search Index to display results. The webpart displays search results in a way that you can easily format it and customize it.

7.       **What is Shredded Storage?** Its a new Feature Introduced in SharePoint 2013 where Documents and Changes to the Documents are stored as “Shredded BLOBS” in the new DocStreams Data Table.Unlike SharePoint 2010, it helps to lower down the amount of storage required for saving files by saving only the Changes and not the entire Versions of the Files in database.

8.        **Why would you Disable Shredded Storage?**Shredded storage is a per document feature.So if two Copies of the exactly same document is stored in two different libraries, these two documents will still have their own set of shreds which will take up twice the space of each individual document.

9.        **Whats new in SPSite Powershell Cmdlet?**SPSite has few new parameters in SharePoint 2013 to make Site Collection Operations easier.New-SPSite cmdlet allows to Create a Host-name Site Collections adding a using the HostHeaderWebApplication parameter that identifies the Web Application where the site collection is being Created.Copy-SPSite (new) Use the Copy-SPSite cmdlet to make a copy of a site collection from one Source content database to a specified destination content database.The copy of the site collection has a new URL and a new SiteID.This will be very useful when renaming a SiteCollection.

10.    **What’s new with Web Content Management in SharePoint 2013?** For End users and Contributors, some very Interactive features such as Drag and Drop of documents,Convert to PDF(Print to pdf),Quick edit (datasheet view),Document Library Search(Find a File),Get Embed code for documents and Out of box PDF Support etc. has been added in Web Content Management.

11.    **What is the new Out-of-box PDF Support?** SharePoint 2013 now offers Out-of-box PDF Support and what that really means is that PDF icon is now natively supported and PDF when opened in SharePoint 2013 will try to open in the Adobe Reader and prompt user to either checkout & open or open the file in PDF directly.

12.   **What is Embed Code and How do you get Embed Code for a document?** SharePoint 2013 provides a support to get “Embed Information” for documents and other digital Content types such as Videos,Audios etc. to be added on any SharePoint Page or in a Microblogging feed.

13.    **What are the new “Digital Content types”?**In SharePoint 2013 Microsoft has introduced a new set of content types called “Digital Asset Content Types” for better use of Audio, Video and Images as Web Content.These content types can be added to any library and can be used as a one of the items files.

14.   **How does the new Video Content type work in SharePoint 2013?** Video Content type added to SharePoint 2013 is a very useful addition for Content Authors.The Improved Asserts Library provides support for Video Content Types and provides various Out-of-Box views like “Thumbnails” and Out-of-Box pages like “Video Page” to View Videos in a very Interactive way.Videos in SharePoint 2013 are Organized in a manner similar to “document sets”. SharePoint Creates a stub (think of it as a folder) to hold a video and all the related contents, such as user-defined properties, thumbnails, video renditions, and other documents related to the video. You can use the Video Content Type in Asserts Library properties.

15.    **What players are Supported for playing SharePoint 2013 Video files**.? SharePoint 2013 supports two Video players – HTML 5 player and a Silverlight player.SharePoint chooses the player automatically, depending on the video format that it encounters in the video set (the collection of files that are related to the video). If the format can’t be played on the HTML 5 player, the SharePoint uses the Silverlight player.

16.    **What is “Image Renditions”?** Image renditions enable you to render a single image in multiple ways. An image can be displayed in various sizes or with different cropping.

17.    **What is the new IFrames support in SharePoint 2013?** SharePoint 2013 was added with the new Out-of-Box Support for IFrames.Admins can now embed dynamic content from other sites, such youtube videos or maps to any SharePoint site by using IFrames. Admins would need to add the Domain for the external site in “HTML Field Security” first.

18.   **How would you use “Related Items” Column?** A new Column type “Related Items” has been Introduced in SharePoint 2013 where you can add reference to another Item or a document from any List\Library as a related entity to one of the Item using Related Items column.

19.    **What Changes are Introduced in SharePoint 2013 Publishing?** SharePoint Server 2013 has two ways that you can make published Content available to users: author-in-place and cross-site publishing.Author-in-place – When users use a single site collection to author content and make it available to readers Cross-site collection publishing .

20.   **What is Cross-Site Publishing?** Cross-Site Publishing is a new Feature in SharePoint Server 2013 that enables you to reuse content across site collections,web applications, and farms.You can use cross-site publishing to Create branded Internet, intranet and extranet publishing sites.

21.    **What’s new with Social Capabilities in SharePoint 2013?** In SharePoint 2013 Microsoft has Introduced new Social Capabilities to let users Collaborate Socially in the Company.My Sites have been enhanced Incredibly to Integrate these Social features.Some of the new Features added are Community Sites,Microblogging,Newsfeed\Site feed,Follow people and Follow Sites.

22.    **What is new SharePoint 2013?** SharePoint 2013 is the next Version of Microsoft’s famous Collaboration and Document Management Software called SharePoint.This Version follows SharePoint 2010 that was released back in May 2010.SharePoint 2013 was released (as Preview and RTM versions) with some new & exciting features such as Real Time Social Feed,Shredded Storage,SharePoint Apps,Cross-site publishing,Out-of-Box PDF support,Minimal Download Strategy and lot more.

23.    **Why should a Company Migrate to SharePoint 2013?**Microsoft has added some Incredible features to SharePoint 2013 that can be of huge benefit to all the Companies that use SharePoint on a large scale. Most of the new Features are Introduced for Improving SharePoint Performance (for both Browser and SQL) and to enhance the famous Web Content Management Capabilities.There is an Improvement for all – end users, developers and IT administrators.

24.    **What is the Licensing Model for SharePoint 2013?** With SharePoint 2013 Microsoft has Introduced User License Enforcement Capabilities – that means different licenses can be assigned to different users based on Active Directory security groups that are added in.A group of admins for example would need features that are offered by Enterprise license but a group end users on the other hand can work with Standard license and would not need to pay more.By default the User License Enforcement is disabled and must first be enabled to begin assigning, using, and implementing user licensing capabilities.

25.   **How does SharePoint 2013 Improve Performance?** SharePoint 2013 Introduces Minimal Download Strategy and Distributed Cache Service to Improve Page Load; and Shredded Storage to Improve Storage required for saving files.

26.   **What is Minimal Download Strategy?** Minimal Download Strategy in SharePoint 2013 improves rendering performance when browsing content where large parts of the page do not change providing a more fluid navigation experience. For example when navigating between a site’s home page and Shared Documents page only the Content that has changed between the source and destination page (controls and placeholders in the content area) are downloaded and Url subsequently updated where the chrome is persisted.

27.    **What is Distributed Cache Service?**The Distributed Cache service provides caching features in SharePoint Server 2013. The microblog features and feeds rely on the Distributed Cache to store data for very fast retrieval across all entities. The Distributed Cache service is built on Windows Server AppFabric, which implements the AppFabric Caching service. Windows Server AppFabric installs with the prerequisites for SharePoint Server 2013.

28.   **What is Shredded Storage?** With Shredded Storage feature enabled, every document and the Changes made to the document, is stored in SQL as multiple “Shredded BLOBS“. Whenever a new Version of a document is Created, only the BLOBs of the document that Corresponds to the Change are saved as opposed to the entire document as a new version.This feature helps to lower down the amount of storage required for saving files.

29.   **How does Shredded Storage Work?** Every Document in SharePoint 2013 is now stored as multiple “shredded BLOBS” in the new “DocStreams” data table.Whenever a new Version of a document is created, a new Record is written in this data table that contains only the “Shred BLOB” of the original document that corresponds to the Change, merged with the new Changes.In other words a new Blob with Changes is added as a new row in the table.Each BLOB that gets added Contains a numerical Id that represents the source BLOB.At the end it is the job of BLOB Index to keep the track of Blobs and to create a full file with the Combination of entries that point to the unchanged shreds of the previous version(s) and the entries that point to the newly added Changed shreds.

30.    **What is the new Analytics Processing Component in SharePoint 2013?** The Analytics Processing Component in SharePoint Server 2013 analyzes both the Content and the way users interact with it.The results from the analysis are added to the items in the search index to be used by Search Webparts,Recommendation Reports,Most Popular Items reports and other WebParts.

31.    **What analysis are done by Analytics Processing Component in SharePoint 2013?**The Analytics rocessing Component runs two main types of analyses: Search analytics and Usage analytics. Search analytics analyzes content in the search index, and usage analytics analyzes the user actions.

32.   **What are Device Channels in SharePoint 2013?** With device channels in SharePoint 2013, you can render a single publishing site in multiple ways by using different designs that target different devices for example mobile devices etc.These device channels can each be given a different master page and CSS file to give users a more optimal viewing experience.

33.    **What is Device Channel Panel Control in SharePoint 2013?** Device Channel Panel is a new control that you can include in a page layout to control what content is rendered in which channel. The Device Channel Panel is a container that is mapped to one or more channels.

34.    **How does Backward Compatibility works in SharePoint 2013?**In SharePoint 2013 with the new “CompatabilityLevel” parameter of Install -SPSolution cmdlet you can now deploy your .wsp or Solution to either 14 hive or 15 hive or both.

35.    **What’s new with Development in SharePoint 2013?** Apart from the new App Model for Creating Custom Components, Microsoft has added a few new Namespaces to work with newly added – Social,Event Receivers,Delegate Controls,Callout Popups and other Custom Components in SharePoint 2013.In addition to these classes a few new templates in Visual Studio 2012 has also been added to Create better solutions.

36.    **What’s the new App model?** SharePoint 2013 Introduces a Cloud App Model that enables you to Create apps.Apps for SharePoint are self-contained pieces of functionality that extend the capabilities of a SharePoint website. An app may include SharePoint components such as lists, workflows, and site pages, but it can also surface a remote web application and remote data in SharePoint.

37.    **What kind of Apps Can Developed?** The Code for an app runs in different places, depending on where your app is hosted.They never run in the context of SharePoint Server, but they will run in the context of the browser or in the context of the hosted platform.You Can Develop three kind of Apps SharePoint-hosted apps,Provider-hosted and autohosted apps – In the cloud.Apps that have a mix of Components in SharePoint and in the cloud.

38.    **What’s new with Visual WebPart in SharePoint 2013?** A new Visual WebPart Template has been added to Visual Studio 2012 for Creating Visual Webparts for SharePoint 2013. In this new Template both the User Control and WebPart Classes are merged to Create one template unlike SharePoint 2010 where you had a separate ascx and webpart file.Also, now you can Create both Sandbox and Farm solutions using Visual WebPart Template.

39.   **What’s the new TilesViewWebPart in SharePoint 2013?** SharePoint 2013 Introduces a new “Getting Started” WebPart that has “Tiles” to provide an easy access to some of the main links in the Site like – adding lists\libraries,Creating masterpage etc.To Programmatically Create this new WebPart a new abstract base class TilesViewWebPart has been added in SharePoint API.You have to Create a Custom Webpart and Inherit from TilesViewWebpart and Override GetTiles() to Create Custom tiles.

40.   **Can you Create & Deploy Sandbox Solutions in SharePoint 2013?**Sandbox Solutions are depreciated in SharePoint 2013.You can still Create them and deploy them but they are not supported by Microsoft (not 100% sure about this though).

41.   **Can we deploy Solutions Created in SharePoint 2010 in SharePoint 2013?** Yes. Most of the Solutions Should work fine but it is Recommended to Re-Create a Solution in Visual Studio 2012, Re-add all the features,Components and then deploy it to SharePoint 2013.

42.   **Why Would you Recommend Re-Creating Solutions?** SharePoint 2013 provides Support for both 14 Hive and 15 Hive.Both the directories are Created by default.So if you deploy a SharePoint 2010 Solution that refers to say \_layouts folder, the reference will be made to 14 Hive and not 15 Hive by default. To make the solution refer to 15 Hive’s \_layouts folder you need to Re-Create the Solution in Visual Studio 2012 and fix the \_layouts reference to add ’15′ into it.eg.

43.   14 Hive – \_/layouts/custompage.aspx

44.   15 Hive – \_/layouts/15/custompage.aspx

45.   Notice the reference of 15 in \_layouts folder reference.

46.   **How do you Force a Solution to be Deployed to 15 Hive and not 14 Hive?** If the solution was Created in Visual Studio 2010, you would add SharePointVersion=”15.0″ attribute in Solution’s manifest.xml file to force it to deploy in 15 Hive instead of 14 Hive.If the Solution however is Created in Visual Studio 2012, you don’t need to do anything, it gets deployed to 15 Hive by default.

47.   **How do you Deploy Solution to 14 hive or 15 Hive without modifying Solution.**? In SharePoint 2013 with the new “CompatabilityLevel” parameter of Install-SPSolution cmdlet you can now Deploy your wsp Solutions to 14 hive, 15 hive or both.

48.   **Can you Deploy Master Page and Custom Css from SharePoint 2010 in SharePoint 2013?**Master Pages and Css has Changed a lot in SharePoint 2013.You can deploy a master page in Master page gallery but the styles from old core.css needs to be updated.

49.    **Can you use Fabulous 40 templates in SharePoint 2013?** As per MSDN, Microsoft is not Creating any New Versions of these Templates.The old Sites based on these templates Can be upgraded only if the Templates are Installed successfully in SharePoint 2013.You can try installing wsp of Fab 40 with Compatibility Level as 15 and upgrade the existing site collections.

50.   **Are there any Changes to Solutions deployed in \bin directory and GAC in SharePoint 2013?** You can no longer add partial trust Solution Packages to the \bin directory.Any files deployed to the \bin directory must be full trust. Any deployment scripts needs to be updated to make sure that they specify the correct trust level. After the release of .NET Framework 4.0, the GAC was split into two, one for each CLR.

51.   c:\windows\assembly is the location for .NET versions 1.0 through 3.5 and c:\windows\microsoft.net\assembly is location for all the dlls for project Created in .NET Framework 4.0.

52.   **How are Sandbox Solution Migrated in SharePoint 2013?**Sandbox Solutions are upgraded with the Content databases.

53.   **How would you a Migrate a Site Collection in SharePoint 2013?** 1. Backup and Restore SharePoint 2010 Content database in your SharePoint 2013 farm.2. Run Test-SPContentDatabase cmdlet to identify missing Components along with potential errors and related warnings. Check the upgrade log and deploy any missing components and re-run the cmdlet to verify.3. Attach the Content database to the desired web application using Mount-SPContentDatabase cmdlet.4. After successfully mounting the content database to web application, the site should be accessible in 14 mode.5. Next, to Upgrade the site to 15 Hive, Navigate to SiteUpgrade.aspx page in Site Setting of your site collection.6. Click on “Upgrade the Site Collection” button.7. During the upgrade The SiteUpgrade.aspx page shows the progress and provides a link to an upgrade log for troubleshooting purposes.8. Site Collection Should now be accessible in 15 mode.

54.   **What are the three user authentication methods that SharePoint 2013 supports?**Windows claims Security Assertion Markup Language (SAML)-based claims Forms-based authentication claims.

55.   **Out of the available authentication methods, which one would is considered the recommend according to Microsoft?**Claims-based authentication methods are recommended.

56.    **What protocol does server-to-server authentication extend?**SharePoint 2013 extends OAuth.

57.   **SharePoint Store and App Catalog Access SharePoint resources on behalf of a user using?**OAuth 2.0.

58.   **What Business Data Connectivity (BDC) connections types are supported in SharePoint 2013?**WCF,SQL Server,NET assemblies,Open Data Protocol.

59.   **What are some examples of technology that OData leverages?**HTTP ,Atom Publishing Protocol (AtomPub), JavaScript Object Notation (JSON).

60.    **What types of authentication does Business Connectivity Services support?**Anonymous,Basic,Windows,Custom authentication to OData services when it is used with the Secure Store Service

61.    **What does a BDC model do?**Describes which tables to read, which items from those tables are of interest, and which operations to perform on them.

62.   **How is the BDC model in SharePoint 2013 more streamlined than in SharePoint 2010?**Visual Studio 2010 is able to connect to the OData endpoint through Business Connectivity Services and read the OData source. Visual Studio 2010 will then automatically generate the BDC model.

63.   **How is the BDC model used after being built?**Imported into the Business Data Catalog as a farm-scoped external content type, or be included in an app for SharePoint.

64.   **What Is An Event Listener in SharePoint 2013?**The event listener includes an event subscriber. The subscriber receives notifications from the event publisher (on the external system side) on changes to the data and then initiates predefined actions when changes occur.

65.   H**ow is an event listener useful?**Enables SharePoint users and custom code to receive notifications of events that occur in an external system.

66.    **With an event listener, what are the supported connections for an external system?**OData,SQL,WCF

67.   **What are apps for SharePoint?**Apps for SharePoint allow addition of functionality to a SharePoint site by using the self-contained app for SharePoint.

68.   **What is the primary benefit of using apps for SharePoint?**Each app for SharePoint is isolated from the rest of the system.

69.   **How are BDC models and apps for SharePoint related?**BDC models can be scoped to apps for SharePoint and connection information is defined and stored separately from the app-scoped BDC model in BDC connections.

70.   **What is eDiscovery in the context of SharePoint 2013?**Introduces a new site for managing discovery cases and holds. The site allows one to access discovery cases to conduct searches, place content on hold, and export content.

71.   **What are some examples of some things you can related to an eDiscovery case?**Sources,eDiscovery sets,Queries,Exports

72.   **What is an in-place hold?**Content that is put on hold is preserved, but users can still change it.

73.   **What the content can be included with SharePoint eDiscovery export?**Document,Lists,Pages,Exchange objects.

74.   **In terms of enterprise-wide eDiscovery, what actions can be taken by an authorized user?**Create a case, define a query, and then search SharePoint Server 2013, Exchange Server 2013, and file sharesExport all of the content that was identified.

75.    **What is the Microsoft Push Notification Service?**Supports applications on mobile devices that should receive notifications from a SharePoint site.

76.    **What field type would be used when working location specific SharePoint applications?**Geolocation field type.

77.   **What is Site-based retention?**You can create and manage retention policies in that will apply to SharePoint sites and any Exchange Server 2013 team mailboxes that are associated with the sites.

78.    **What does a retention policy contain?**Generally what causes a project to be closed and when a project should expire.

79.    **What are some improvements in Excel Services in SharePoint 2013?**Field list and field well support,Calculated measures and members,Enhanced timeline controls,Application BI Servers,Business Intelligence Center update.

80.   **What is the In-Memory BI Engine (IMBI)?**The In Memory multidimensional data analysis engine (IMBI), also known as the Vertipaq engine, allows for almost instant analysis.

81.   **What does the Power View Add-in for Excel do?**Power View (“Crescent”) enables users to visualize and interact with modeled data by using highly interactive visualizations, animations and smart querying.

82.    **Can PerformancePoint be displayed on iPads?**Yes.

83.   **What is the Analysis Services Effective User?**Eliminates the need for Kerberos delegation when per-user authentication is used for Analysis Services data sources. By supporting Analysis Services Effective User feature, authorization checks will be based on the user specified by the EffectiveUserName property instead of using the currently authenticated user.

84.   **What are Community Sites in SharePoint 2013?**Community Sites offer a forum experience to categorize and cultivate discussions with a broad group of people across organizations in a company.

85.    **What is the primary change with MySite document libraries in 2013?**Users can specify permissions for a specific document without having to understand the inheritance model.

86.   **What are Image renditions?**Image renditions let you display different sized versions of an image on different pages.

87.   **How are multilingual sites implemented?**Variations, integrated translation service, cross-site publishing.

88.   **What is Cross-site publishing?**Cross-site publishing lets you store and maintain content in one or more authoring site collections, and display this content in one or more publishing site collections.

89.   **What is Managed navigation?**Managed navigation lets you define and maintain the navigation on a site by using term sets.

90.    **What are Category pages?**Category pages are page layouts that are used for displaying structured content such as catalog data.

91.   **What is the Content Search Web Part?**Displays content that was crawled and added to the search index.

92.    **What are Refiners and faceted navigation?**Refiners are based on managed properties from the search index. With faceted navigation you can configure different refiners for different terms in a term set.

93.   **What is the Analytics Processing Component?**Runs different analytics jobs to analyze content in the search index and user actions that were performed on a site to identify items that users perceive as more relevant than others.

94.   **What does the Workflow Manager do?**High Density and Multi-Tenancy, Elastic Scale, Activity / Workflow Artifact Management, Tracking and Monitoring, Instance Management, Fully Declarative Authoring, REST and Service Bus Messaging, Managed Service Reliability.

95.   **What is a ranking model in SharePoint 2013 search?**A ranking model determines recall (which items are displayed in the search results) and rank (the order in which search results are displayed).

96.   **What actions can a query rule specify?**Add one or more result blocks Change ranked results,Add Promoted Results (formerly called Best Bets) that appear above ranked results.

97.   **What are Result sources?**Result source allow you to restrict queries to a subset of content by using a query transform.

98.   **What is a Continuous crawl?**Eliminates the need to schedule incremental crawls and automatically starts crawls as necessary to keep the search index fresh.

99.   **How can you remove items from the search index?**Using the crawl logs.

100.  **How can you specify which entities to look for in the content in relation to SharePoint search?**Create and deploy your own dictionaries.

**101.**  **What does document parsing functionality do?**Document parsers extract useful metadata and remove redundant information.

102.  **Is Visual Upgrade available in SharePoint 2013?**No**.**

103.  **Describe the Cloud App Model.**The Cloud App Model that enables you to create apps. Apps for SharePoint are self-contained pieces of functionality that extend the capabilities of a SharePoint website.

104.  **Why build Apps?**Enables you to build apps for SharePoint by using familiar tools and a rich set of features. Familiar programming model and access to SharePoint data and services, Multiple options for hosting, Familiar user experience for end users, Integration with apps for Office, and SharePoint Store and App Catalog.

105.  **What as an App in its most basic form?**A web application that is registered with SharePoint using an app manifest.

106.  **What is an app manifest?**An app manifest is an XML file that declares the basic properties of the app along with where the app will run and what to do when the app is started.

107.  **Where can the code for an app run?**SharePoint-hosted apps, Provider-hosted and auto hosted apps, Apps that have a mix of components in SharePoint and in the cloud.

108.  **How does an app communicate with SharePoint?**

REST and JavaScript APIs

Managed APIs (.NET)

109.  **105. How can the app authenticate to SharePoint?**

Inside SharePoint

In the cloud

**110.**  **How are apps distributed?**Apps for SharePoint are distributed as an app package.

**111.**  **What are some options for app publishing?**

Public SharePoint app store

Organization’s app catalog

**112.**  **What is OData?** The Open Data protocol (OData) lets you access a data source, such as a database, by browsing to a specially constructed URL.

**113.**  **What is the primary benefit of OData?**Simplified approach for connecting to and working with data sources that are hosted within an organization.

**114.**  **What technologies does OData use?**

HTTP

Atom

JavaScript Object Notation (JSON)

**115.**  **How can you avoid direct code against the OData source?**

Business Connectivity Services (BCS) can communicate with OData sources, or producers, without having to code directly to the OData source.

**116.**  **What is an OData producer, and some examples?**

Producers expose their data in a structured way via a web service. Examples include SharePoint Foundation 2010, SharePoint Server 2010, SQL Azure, Windows Azure Table Storage, Windows Azure Marketplace, SQL Server Reporting Services, Microsoft Dynamics CRM 2011, Windows Live.

**117.**  **What is OAuth?**

An open protocol for authorization.

**118.**  **What does OAuth enable?**

Secure authorization from desktop and web applications in a simple and standard way.

**119.**  **115. What is OAuth used?**

To authorize requests by an app for SharePoint to access SharePoint resources on behalf of a user and to authenticate apps in the Office Store, an app catalog, or a developer tenant.

**120.**  **What is an Access token?**

Access tokens are issued by the OAuth security token service (STS) to request app permissions.

**121.**  **What are the three types of authorization policies?**

user-only policy, user + app policy, or app-only policy

**122.**  **How does an app for SharePoint requests permissions to access SharePoint resources?**

An app for SharePoint requests the permissions that it needs during installation from the user who is installing it and then the developer of an app must request, through the app manifest file, the permissions an app needs.

**123.**  **How is an app granted the permissions requested?**

An app must be granted permissions by the user who is installing it and users can grant only the permissions that they have; the user installing the app must be able to grant all permissions required by the app, or app installation fails.

**124.**  **When is an app granted the permissions it asked for?**

An app is installed by a website administrator, a app is explicitly granted permission by a tenant administrator or website administrator or an end user gives consent.

**125.**  **What are scopes in terms of SharePoint permissions?**

Scopes indicate where in the SharePoint hierarchy a permission request applies.

**126.**  **What are some of the features of Office 365 Development Tools?**

Create and manage projects, develop apps, share and publish apps.

**127.**  **What office technology can be used to build SharePoint 2013 workflows?**

Visio 2013 includes a SharePoint 2013 Workflow template that can be used.

**128.**  **What is a workflow stage shape in SharePoint Designer 2013?**

A stage can contain any number of shapes and may include branching. The stage or step itself might be one node of a longer workflow.

**129.**  **What is a workflow loop shape in SharePoint Designer 2013?**

Loops are a series of connected shapes that will execute as a loop, returning from the last shape in the series to the first, until a condition is satisfied.

**130.**  **What is a step shape in SharePoint Designer 2013?**

Steps represent a grouped series of sequential actions.

**131.**  **What is an example approach to navigate SharePoint data structure in SharePoint 2013?**

Managed code or the SharePoint REST service.

**132.**  **What is the SPContextWebInformation structure?**

Contains the initialization properties that can be used in subsequent REST requests.

**133.**  **What is a WebInfo object?**

From REST resources it is an object that contains the scalar properties of the site, but that does not include any associated entity sets such as list collections or field collections.

**134.**  **What request type from a REST resource allows one to create a SharePoint object?**

POST request**.**

**135.**  **What request type from a REST resource allows one to access the contents of a file ?**

GET request.

**136.**  **What request type from a REST resource allows one update the contents of a file?**

PUT request.

**137.**  **What request type from a REST resource allows one to delete a SharePoint object?**

POST to that resource including an X-Http-Method header of DELETE.

**138.**  **What are HTML ETags?**

The SharePoint REST service uses HTML ETags for concurrency control.

**139.**  **What are ETags useful for?**

When you perform a PUT, PATCH, MERGE, or DELETE request, you can specify an ETag in the If-Match HTTP request header.

**140.**  **What are the factors to consider when choosing a SharePoint API?**

The type of application, existing skills, and the device on which the code runs.

**141.**  **What is Client-side rendering?**

Client-side rendering provides a mechanism that you can use to produce your own output for a set of controls that are hosted in a SharePoint page.

**142.**  **What are remote event receivers?**

Remote event receivers handle events that occur to an item in the app, such as a list, a list item, or a web.

**143.**  **What is Microsoft Push Notification Service?**

Using the Microsoft Push Notification Service (MPNS), Windows Phone apps can receive notifications through the Internet of events triggered on Microsoft SharePoint Server.

**144.**  **What is the benefit os MPNS?**

The app can be registered to receive notifications from the server, and an event receiver can initiate a notification and send it to the receiving app for handling.

**145.**  **What are some benefits of the new Geolocation field type?**

Allows incorporation of location, maps, and proximity search features into their web and mobile apps and solutions.

**146.**  **What are interactive social feeds?**

Interactive social feeds are designed to encourage people to share information and to stay connected with people and content.

**147.**  **What are some common programming tasks when working with social feeds?**

Get the user for the current context, get the feed for the current user, get the personal feed for a particular user.

**148.**  **What are feed types?**

Feed types represent slices of feed data.

**149.**  **What are some examples of feed types?**

Personal, News, Timeline, Likes, and Everyone.

**150.**  **What method do the server, client, and JavaScript object models use to retrieve feed types?**

The GetFeed method.

**151.**  **What API’s can be used to programmatically follow people?**

Client object models, mobile client object model, JavaScript object model, representational State Transfer (REST) service, and server object model.

**152.**  **What is the SocialFollowingManager object?**

Consolidates the core Following People and Following Content functionality for the current user.

**153.**  **What is the PeopleManager object?**

Provides some functionality that SocialFollowingManager does not provide, not really worth grilling about.

**154.**  **What is an external content enrichment web service?**

Enables users to modify the managed properties of crawled items before they are indexed.

**155.**  **At a high level, how does the web service client work?**

The web service client works with managed properties that you can configure as input properties or as output properties.

**156.**  **What is a trigger condition in terms of a web service callout?**

A trigger condition is an expression that is used to configure the web service callout.

**157.**  **How does one use the Search .NET Framework managed CSOM?**

Get a ClientContext instance then use the Microsoft.SharePoint.Client.Search.Query namespace

**158.**  **Do custom search solutions support SQL syntax?**

No.

**159.**  **What are Query properties?**

Provide information about a search query.

**160.**  **What is the the ONEAR operator?**

Provides ordered near functionality.

**161.**  **What is a display template in terms of SharePoint search?**

Display templates define the visual layout and behavior of a result type by using HTML, CSS, and JavaScript.

**162.**  **What are result types in terms of SharePoint search?**

Result types define how to display a set of search results.

**163.**  **How does one use the connector framework in terms of SharePoint search?**

Enables you to retrieve claims information for content stored in custom external data sources that are crawled.

**164.**  **What is Keyword Query Language (KQL)?**

Allows you to you specify the search terms or property restrictions that are passed directly to the search service.

**165.**  **What is FAST Query Language (FQL)?**

FQL is a structured query language that supports advanced query operators.

**166.**  **What is the workflow execution host in the new workflow infrastructure in SharePoint 2013?**

Windows Azure.

**167.**  **Are workflows are no longer compiled into managed assemblies?**

No they are fully declarative.

**168.**  **What is meant by a fully declarative workflow?**

The workflow is described (literally) in XAML and then executed interpretively at run time.

**169.**  **What is the Design Manager?**

The Design Manager enables a step-by-step approach for creating design assets that you can use to brand sites.

**170.**  **What is the Snippet Gallery?**

Allows a user to select a component, configure its properties and update the snippet, copy the HTML snippet that’s generated, and paste that HTML snippet into your HTML file.

**171.**  **What are Device channels?**

Device channels define channels for one or more devices allowing finely-tuned control over how mobile users experience your site.

**172.**  **What is managed navigation?**

Managed navigation is the taxonomy-based alternative to the traditional SharePoint navigation feature.

**173.**  **What are Catalogs?**

Allow you to incorporate lists into your publishing sites.

**174.**  **At a high level, what is cross-site publishing?**

Enables you to reuse content across multiple site collections.

**175.**  **What is the Machine Translation Service?**

The Machine Translation Service is a new service application in SharePoint 2013 that provides automatic machine translation of files and sites**.**

**176.**  **What is PowerPoint Automation Services?**

Allows conversion from the PowerPoint binary file format (.ppt) and the PowerPoint Open XML file format (.pptx) to other formats.

**177.**  **What are the supported source presentation formats?**

Open XML File Format presentation format (.pptx) and PowerPoint 97â€“2003 presentation (.ppt).