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Component	Req. Time
Server 2012- Part I	1.5
Server 2012- Part II	1
IIS	1
Total	3.5
Scripting	1.5
Perl, Shell , Python, Powershell	

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SERVER 2012 – PART 1

S.No	Main Topics	Sub Topics	Duration (Theory) Hrs	Duration (Practical) Hrs
1	Deploying & managing server 2012	· Windows Server 2012 Overview	2	2.5
		· Installing Windows Server 2012		
		· Post-Installation Configuration of Windows Server 2012		
		· Overview of Windows Server 2012 Management		
		· Introduction to Windows PowerShell		
		· Overview of TCP/IP		
2	Introduction to ADDS	· Understanding IPv4 & IPv6 Addressing	1	1.5
		· Overview of AD DS		
		· Overview of Domain Controllers		
3	Implementing File and Print Services	· Installing a Domain Controller	1	2
		· Overview of FSRM		
		· Using FSRM to Manage Quotas, File Screens, and Storage Reports		
		· Implementing Classification and File Management		

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		Tasks		
		· Overview of DFS and DFS Replication		
4	Backup and Restore	· Data Protection Overview	1	1
		· Implementing Windows Server Backup		

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SERVER 2012 – PART 2

Sno	Main Topics	Sub Topics	Duration (Theory) Hrs	Duration (Practical) Hrs
1	Windows Deployment Services		1	3
		· Overview of Windows Deployment Services		
		· Managing Images		
		· Implementing Deployment with Windows Deployment Services		
		· Administering Windows Deployment Services		
2	WSUS	Implementing Update Management	1	1
		What is use of Storing in central place ?		

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IIS

S.No	Main Topics	Sub Topics	Points to be covered
1	Protocols used in IIS	1) HTTP 2) HTTPS 3) FTP 4) Difference b/w HTTP and HTTPS?	Explain what is HTTP, HTTPS and FTP? Why they are used? Difference between HTTP & HTTPS
2	Introduction of Web server	1) What is Web service? • Intranet • Internet 2) Difference between Web server & Application server 3) Difference between Apache, Tomcat & IIS	Explain what is web service? Difference between Intranet & Internet? What is the difference between Web server & Application server?
	Introduction of Internet Information Services 8.5	1) What is IIS and use of it? 3) Comparison between IIS 7.0 & 8.5 4) Additional features in 8.5.	Explain what is IIS? Why IIS is used? What are its various versions? Compare IIS 7.0 & 8.5 What are the extra features IIS 8.5 have?

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4	Installation of IIS 8.5	1) Minimum & Recommended Hardware requirements <ul style="list-style-type: none"> • RAM • Hard disk 2) Installing the Web Server Role in Windows Server 2012 3) Explain all the components of IIS while installing ? 4) Check whether IIS Services installed <ul style="list-style-type: none"> • IIS admin • HTTP.sys • W3SVC 5) Types of error	Explaining the pre-requisites for IIS installation Minimum & Recommended Hardware requirements for IIS How to install IIS in Windows Server 2012 Explain all the components of IIS while installing Possible errors while installing IIS Check whether IIS Services installed <ul style="list-style-type: none"> • IIS admin • HTTP.sys • W3SVC
5	Managing IIS	<ul style="list-style-type: none"> • Identifying standard modules • Determining application requirements • PowerShell Web Administration cmdlets 	Explain the IIS Manager console How to use the console? Powershell commands to manage IIS
6	IIS CONFIGURATION	<ul style="list-style-type: none"> • Website creation 	Creating and managing Websites

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			Import modules
		• Configuring Module Settings	Authentication Types
		• Enabling user authentication	
		• Removing anonymous access	
		• Selecting appropriate authentication modules	
7	Backing up and restoring configuration files	Restore IIS configuration files , Restore Website,	How to restore deleted websites, what will you do if you delete a default website.

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