

Enrollment No.....



Faculty of Engineering
End Sem (Odd) Examination Dec-2022
OE00071 Server Administration

Programme: B.Tech.

Branch/Specialisation: All

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. NIC teaming_____. 1
- (a) No effect on available in a network path
(b) Decrease the network bandwidth available in a network path
(c) Increase the network bandwidth available in a network path
(d) None of these
- ii. Which of the following features is available when Windows Server 1
 2012 is installed using the GUI option but without the desktop
 experience feature installed?
 (a) Metro-style start screen (b) Built-in help system
 (c) Windows media player (d) All of these
- iii. What is EFS? 1
- (a) Encrypting File System (b) Evaluating File System
(c) Enquiring File System (d) None of these
- iv. How do we add a cipher in windows? 1
- (a) Deploy a group policy or use the TLS cmdlets
(b) Only use https
(c) Only deploy group security
(d) None of these
- v. What are the NTFS permissions on windows server? 1
- (a) Allow for granular control for Microsoft Windows NT and later
 operating systems files
(b) Allow control for Linux
(c) Allow control for client
(d) None of these

P.T.O.

[2]

vi.	A shared folder in Windows Server 2012 is created by-	1
	(a) Control → Share this folder → Full Control	
	(b) Advanced Sharing → Share this folder → Full Control	
	(c) Permissions → Share this folder → Full Control	
	(d) None of these	
vii.	What are DNS zones?	1
	(a) DNS zone is used to delete host from a server	
	(b) DNS zone is used DHCP drone	
	(c) DNS zone is used to send data to domain.	
	(d) DNS zone is used to host the DNS records for a particular domain.	
viii.	What is the name resolution process?	1
	(a) A process of converting a mac address to a user-friendly computer name	
	(b) A process of converting an IP address to a user-friendly computer name	
	(c) A process of converting a user-friendly computer name to IP address	
	(d) A process of converting a logical to virtual address	
ix.	What is MMC Windows Server?	1
	(a) Mini Management Console	
	(b) Macro Management Console	
	(c) Multimedia Management Console	
	(d) Microsoft Management Console	
x.	What are the types of domain controller?	1
	(a) Read-only and read-write (b) Read-only	
	(c) Write-only (d) None of these	
Q.2	i. What are the features of windows server?	2
	ii. Explain the minimum system requirement and steps involved in installing windows server 2012.	3
	iii. What is WDS? explain WDS configuration in detail.	5
OR	iv. What are the windows server migration tools? How to install and configure windows server migration tools?	5

[3]

Q.3	i. How do you use the cipher command?	2
	ii. What is encryption and decryption? Explain how to decrypt EFS with recovery agent?	8
OR	iii. What is BitLocker? Explain how we can use BitLocker on Windows Server 2012?	8
Q.4	i. What are windows permissions? How we give permission to a folder in Windows Server 2012?	3
	ii. What is NTFS authorization? What are steps to set grant NTFS permission?	7
OR	iii. What is the file server resource manager? How we can create a file server in Windows Server 2012 explain steps?	7
Q.5	i. What is DNS? How we can configure active directory-integrated DNS?	4
	ii. What is primary zone and secondary zone? How to configure stub zone? How we can use stub zones?	6
OR	iii. What are the types of DNS records explain each type with example? How to view DNS records in Windows Server 2012 specify steps?	6
Q.6	Attempt any two:	
	i. What do you mean by Windows Server Update Services (WSUS)? What is the purpose of WSUS?	5
	ii. How do you view logs on Windows server 2012? How to configure the data collector set in a Windows server operating system?	5
	iii. What protocol does netstat use? What netstat tool is used for? What netstat command syntax?	5

Marking Scheme
OE00071 Server Administration

Q.1	i)	c) Increase the network bandwidth available in a network path		1
	ii)	b) Built-in help System		1
	iii)	a) Encrypting File System		1
	iv)	a) deploy a group policy or use the TLS cmdlets		1
	v)	a) allow for granular control for Microsoft Windows NT and later operating systems files		1
	vi)	b) Advanced Sharing-> Share this folder-> Full Control		1
	vii)	d)DNS zone is used to host the DNS records for a particular domain.		1
	viii)	b) a process of converting an IP address to a user-friendly computer name		1
	ix)	d) Microsoft Management Console		1
	x)	a) read-only and read-write		1
Q.2	i.	Two features Feature1 Feature2	1 mark 1 mark	2
	ii.	System Requirement Steps	1 mark 2 mark	3
	iii.	WDS Configuration	2 marks 3 marks	5
OR	iv.	Explanation Installation steps	2 marks 3 marks	5
Q.3	i.	Cypher command Example	1 mark 1 mark	2
	ii.	Encryption Decryption Decrypt EFS Recovery Agent	1 mark 1 mark 3 marks 3 mark	8
OR	iii.	Definition	2 marks	8

		How to use	6 marks	
Q.4	i.	What How	1 mark 2 marks	3
	ii.	What Steps	2 marks 5 marks	7
OR	iii.	What Steps	2 marks 5 marks	7
Q.5	i.	What How	1 marks 3 marks	4
	ii.	Primary Secondary Stub Use	1.5 marks 1.5 marks 2 marks 1 marks	6
OR	iii.	Types Steps	4 marks 2 marks	6
Q.6				
	i.	Meaning Purpose	2 marks 3 marks	5
	ii.	Logs Data Collector	2 marks 3 marks	5
	iii.	Protocol list Netstat Command syntax	2 marks 2 marks 1 marks	5
