

GANPAT UNIVERSITY

								TER APPL							
Programme			IT (Inf		cture N	I anage	ment	Branch/S	Spec.	Com	Computer Applications				
~			ces) (He	ons.)						1.00					
Semest		IV						Version 1.0.0.0				<u> </u>			
Effecti	ve from	Academ	cademic Year 2025-26					Effective	for the b	atch Adı	ch Admitted in		June 2024		
Subjec	et Code	U44A2	U44A2SNM2 Subject				me	Server Network Infrastructure Management - II							
		Tea	aching s	schem	ne				Exami	nation sc	heme (M	arks)			
(Per week)		Lecture (DT)		Practical (I		Lab.)	Total			CE	S	EE	Total		
		L	TU	P		TW									
Credit		2	0	2		0	4	Theory		50		50	100		
Hours		2	2 0 4			0	6	1 1							
Object	tive:														
Student	s can und	lerstand	the con	cepts	of ente	rprise a	and core v	ersion with	n advance	concept	of security	,			
re-requ	iisites:														
Pre-re	quisites:														
Basic k	nowledge	e of basi	c servei	enter	prise r	oll con	figuration	and imple	mentation	in server	and clien	t OS.			
Course	e Outcon	nes:													
Name o	of CO	Des	cription	1											
CO1		Understanding the difference between enterprise and Core Version for security purpose.													
CO2		Unde	Understanding and creation, Preloaded Scripting using PowerShell.												
CO3		Able	Able to crate the GP and RODC for Backup and Recovery purpose.												
CO4		Unde	erstandir	ng the	ADRM	IS for R	Rights Mai	nagement.							
Mappi	ng of CO	and PO)												
COs	PO1	PO2	PC	3	PO4	PO5	PO	PO7	PO8	PO9	PO10	PO1	PO12		
CO1	2	1	3		0	3	1	2	0	0	0	2	2		
CO2	2	0	2		1	3	1	2	1	0	0	3	1		
CO3	1	0	3		0	3	2	1	0	0	0	3	2		
CO4	1	1	3		1	3	1	2	0	0	0	2	1		
Theory	y Syllabu	IS													
Unit							Con	tent					Hrs.		
1	Basic of window Core, S	of Servei vs Servei	r Enter r 2008 F ore: Ins	prise: orest, talling	AD, Id Adding server	lentity g AD D core, w	S role using with some or some	n ss, Compon ng windows th AD snap	interface,	creating I	OC. Enterp	rise VS	,		

2	Template creation, PowerShell and VB Script Template creation: Creating users with templates, dsadd, csvde, ldifde, PowerShell and VB Script: PowerShell, vbscript, cmdlets and objects of PowerShell, Using aliases, Import users from database with windows power shell, vbscript vs. windows PowerShell	6				
3	Overview and review of Group policy, RODC, FSMO, MMC Group Policy: Policy settings, managing group policy scope, GPO links, inheritance and precedence, WMI filter, group policy processing, resultant set of policy, delegating the support of computers, delegating administration using restricted group policy. RODC, FSMO, MMC: Configuring RODC, deploying RODC, administer RODC credentials caching, administrating role separation, Introduction of FDMO, Introduction of MMC, Creating Snap ins of MMC, console Mode of MMC.					
4	Introduction of ADCS and ADRMS Introduction of ADCS: Understanding AD CS, Configuring AD CS, Working with Enterprise PKI. ADRMS: Understanding AD RMS, Configuring AD RMS, Creating a Rights Policy Template	8				
Text	Books:					
1	Configuring Windows Server 2008 Network Infrastructure by J.C. Mackin and Tony Northrup-Microsoft Press Publisher					
2	Microsoft Windows Server 2008 R2 Administration Instant Reference – Import, By Matthew Hester, Chris Henley, Publisher Sybex					
3	Windows Server 2008 Administrator's Companion, 1st edition By Russel, Charli, Publisher Sybex.					
Refer	ence Books:					
1	Windows Server 2008 Server Administrator Kindle Edition by <u>Stuart Ami</u> ASIN: B00ON6VFVU					
2	All the Steps of Server 2008: Hand Book of Server 2008 Author Vishweshwar Sahini, ASIN: B079W4XMZJ.					
3	Windows Server 2008 R2: Interview Questions You'll Most Likely Be Asked Paperback – Import, , by Vibrant Publishers , Publisher : CreateSpace					
Web	References / MOOC / Certification Course:					
1	https://www.udemy.com/course/active-directory-domain-controllers-operations-masters-gc					
2	https://www.udemy.com/course/mastering-group-policy-on-windows-server-2008					
3	https://www.udemy.com/course/windows-server-2008-build-network-from-scratch					
4	http://www.udemy.com/course/configuring-managing-and-maintaining-windows-server-2008					
Ques	tion Paper Scheme:					

University Examination Duration:2Hours

Note for Examiner:

- Q-1 Must be common from any topics from the syllabus.
- Q-2 And onwards must be from specific topics and internal choice or option can be given.

Paper Structure:

- Q-1 Must be from all Unit Any Five out of seven (25 Marks) (CO1, CO2, CO3, CO4)
- Q-2 Must be from Unit 1: Any Two out of Three (06 Marks) CO1
- Q-3 Must be from Unit 2: Only one question without any option (05 Marks) CO2
- Q-4 Must be from Unit 3: Any Two out of Three (08 Marks) CO3
- Q-5 Must be from Unit 4: Any Two out of Three (06 Marks) CO4