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2 (	i. No	Destinies.	r	C	0		_
5	). NO	Desctiption	Commands	Expected Output	Remarks		_
4	1	Create Directories			Use mkdir and cd commands		
5	2	Create File	echo "Hello World1" > TestFile1	TestFile1 created	In Root Directory		
6	3	Check opened file	ls -l Testfile1; cat Testfile1	"Hello World1" Text output			
7	4	Append to an existing file	echo "Hello World2" >> TestFile1	Text Appended			
8	5	Copy file	cp TestFile1 TestFile2	File copied			
9	6	Check copied file	ls -l Testfile2; cat Testfile2	Same as TestFile1			
10	1	Copy one directory below	cp TestFile1 TestDir1/TestFile3	Copied			
11	8	Check copied file	ls -l TestDir1/TestFile3; cat TestDir1/TestFile3	Same as TestFile1			
12	9	Create TestFile4	cd TestDir2; echo "Test4" > TestFile4	file created		Phase I	
13	10	Check created file	ls -l testfile4; cat Testfile4	"Test4" text output		riidae i	
14	11	Create duplicate file	use an editor to create TestFile4	Error Message			
15	12	Copy File	cp TestFile4/TestDir1/TestDir3/TestFile5	File copied			
16	13	Check copied file	ls -l/TestDir1/TestDir3/TestFile5; cat/TestDir1/TestDir3TestFile5	"Test4" text output			
17	14	Remove a file	m TestFile4	File removed			
18	15	Try to remove a nonempty directory	cd; mdir TestDir1	Error Message			
19	15	Remove an empty directory	mdir TestDir2	Directory removed			
19 20 21	16	Unmount the file system		FS unmounted			
	17	Remount the file system		FS remounted			
22 23	18	Check for files	ls-IR	No files	Files not saved		
23							

. No	Desctiption	Commands	Expected Output	Remarks	
1	Create Directories			Use mkdir and cd commands	
2	Create File	echo "Hello World1" > TestFile1	TestFile1 created	In Root Directory	
3	Check opened file	ls -l Testfile1; cat TestFile1	"Hello World1" Text output	•	
4	Append to an existing file	echo "Hello World2" >> TestFile1	Text Appended		
5	Copy file	cp TestFile1 TestFile2	File copied		
6	Check copied file	ls -l TestFile2; cat TestFile2	Same as TestFile1		
7	Copy one directory below	cp TestFile1 TestDir1/TestFile3	Copied		
8	Check copied file	ls -l TestDir1/TestFile3; cat TestDir1/TestFile3	Same as TestFile1		
9	Create TestFile4	cd TestDir2; echo "Test4" > TestFile4	file created		
10	Check created file	ls -l testFile4; cat TestFile4	"Test4" text output		
11	Create duplicate file	use an editor to create TestFile4	Error Message		
12	Copy File	cp TestFile4/TestDir1/TestDir3/TestFile5	File copied		
13	Check copied file	ls -l/TestDir1/TestDir3/TestFile5; cat/TestDir1/TestDir3TestFile5	"Test4" text output		Phase 2
14	Remove a file	m TestFile4	File removed		
15	Try to remove a nonempty directory	cd; mdir TestDir1	Emor Message		
15	Remove an empty directory	mdir TestDir2	Directory removed		
16	Create a file spanning 4 blocks	Write 1 to 512 using C/Python to TestFile2	File created		
17	Check block usage	du -s TestFile2	4 blocks should be used		
18	Reduce file size	Remove lines 101 onwards and save the file			
19	Check block size	du -s TestFile2	Should be still 4 blocks		
20	Add additional blocks	Add 101 to 1024 to TestFile2			
21	Check block size	du -s TestFile2	Block size should still be 4		
22	Unmount the file system		FS unmounted		
23	Remount the file system		FS remounted		
24	Check for files	Is -IR; cat "files";	Files Intact (other than removed files/directories); verify contents of files	Files in Secondary Storage Intact	

S. No	Desctiption	Commands	Expected Output	Remarks	
-1	Create Directories			Use mkdir and cd commands	
2	Create File	echo "Hello World1" > TestFile1	TestFile1 created	In Root Directory	
3	Check opened file	ls -l Testfile1; cat Testfile1	"Hello World1" Text output	·	
4	Append to an existing file	echo "Hello World2" >> TestFile1	Text Appended		
5	Copy file	cp TestFile1 TestFile2	File copied		
6	Check copied file	ls -l TestFile2; cat TestFile2	Same as TestFile1		
1	Copy one directory below	cp TestFile1 TestDir1/TestFile3	Copied		
8	Check copied file	ls -l TestDir1/TestFile3; cat TestDir1/TestFile3	Same as TestFile1		
9	Create TestFile4	cd TestDir2; echo "Test4" > TestFile4	file created		
10	Check created file	ls -l testFile4; cat TestFile4	"Test4" text output		
11	Create duplicate file	use an editor to create TestFile4	Error Message		Phase 3
12	Copy File	cp TestFile4/TestDir1/TestDir3/TestFile5	File copied		
	Check copied file	ls -l/TestDir1/TestDir3/TestFile5; cat/TestDir1/TestDir3TestFile5	"Test4" text output		(Persistence)
14	Remove a file	m TestFile4	File removed		
15	Try to remove a nonempty directory	cd; mdir TestDir1	Error Message		
15		mdir TestDir2	Directory removed		
16		Write 1 to 512 using C/Python to TestFile2	File created	Keep Blocksize 512 bytes	
17	Check block usage	du -s TestFile2	4 blocks should be used	'	
18		Remove lines 101 onwards and save the file			
19	Check block size	du -s TestFile2	Should be still 4 blocks		
20	Add additional blocks	Add 101 to 1024 to TestFile2			
21	Check block size	du -s TestFile2	Block size should still be 4		
			Files Intact (other than removed files/directories and		
22	Check for Persistence	While editing a file, reboot the machine; Is -IR; cat "files"	non saved portions of files); check contents of files	Files in Secondary Storage Intact	