

## **Part-B**

Q. Identify True or False

1 True.

⇒ `ls` displays the files and directories in the specified directory or the current directory if none is specified.

2 True.

⇒ `mv` moves files or directories from one location to another or renames them.

3 False.

⇒ `cd` is used to change the current working directory, not to copy files or directories.

4 True.

⇒ `pwd` stands for "print working directory" and shows the full path of the current directory.

5 True.

⇒ `grep` searches for and displays lines in files that match a specified pattern.

6 True.

⇒ `chmod 755 file.txt` sets read, write, and execute permissions for the owner, and read and execute permissions for the group and others.

7 True.

⇒ `mkdir -p directory1/directory2` creates `directory1` and `directory2` as nested directories, creating `directory1` if it doesn't already exist.

8 True.

⇒`rm -rf file.txt` forcefully deletes `file.txt` without prompting for confirmation, and `-r` allows for recursive deletion of directories and their contents if specified.

## Q. Identify Incorrect Statement

1) Incorrect.

⇒The correct command is `chmod`, not `chmodx`. `chmod` is used to change file permissions.

2) Incorrect.

⇒The correct command is `cp`, not `cpy`. `cp` is used to copy files and directories.

3) Incorrect.

⇒The correct command is `touch`, not `mkfile`. `touch` is used to create a new file or update the timestamp of an existing file.

4) Incorrect.

⇒The correct command is `cat`, not `catx`. `cat` is used to concatenate and display the contents of files.

5) Incorrect.

⇒The correct command is `mv`, not `rn`. `mv` is used to rename files or move them to a different location.