1. How do you distinguish between shutil.copy() and shutil.copytree()?  
Ans: shutil.copy() method copies a single copy while shutil.copytree() copies the entire directory, along with its contents.

2. What function is used to rename files??  
Ans: shutil.move() method is used to rename a file.

3. What is the difference between the delete functions in the send2trash and shutil modules?  
Ans the delete function of send2trash module will move file in recycle bin directory whereas the delete method of shutil module will delete file permanently.

4.ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is

equivalent to File objects’ open() method?  
Ans: The zipfile.ZipFile() function is equivalent to the open() function. We have to pass two arguments - first one is the zip filename and the second one is the mode - read, write, or append in which file has to be open.

5. Create a programme that searches a folder tree for files with a certain file extension (such as .pdf

or .jpg). Copy these files from whatever location they are in to a new folder.

import os

import shutil

sourcePath = '/var/log'

destinationPath = '/tmp/test'

allowedExt = '.log'

for foldername, subfolders, filenames in os.walk(sourcePath):

for filename in filenames:

if not filename.lower().endswith(allowedExt):

continue

sourceFile = os.path.join(foldername, filename)

shutil.copy(sourceFile, destinationPath)