1. To what does a relative path refer?  
Ans. a dictionary value.

2. What does an absolute path start with your operating system?  
Ans. This path will begin at the home directory of your computer and will end with the file or directory that you wish to access.

3. What do the functions os.getcwd() and os.chdir() do?  
Ans. getcwd() : CWD stands for Current Working Directory. This function allows you to see what your current working directory is. os. chdir() method changes the current working directory to a specified path instance.

4. What are the . and .. folders?  
Ans. The . is the current directory, while .. signifies the parent directory.

5. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?  
Ans. C:\bacon\eggs is the dir name, while spam. txt is the base name.

6. What are the three “mode” arguments that can be passed to the open() function?  
Ans. 'r' Open a file for reading. (default)

'w' Open a file for writing. Creates a new file if it does not exist or truncates the file if it exists.

'x' Open a file for exclusive creation. If the file already exists, the operation fails.

7. What happens if an existing file is opened in write mode?  
Ans. a new empty file with write mode is created.

8. How do you tell the difference between read() and readlines()?  
Ans. read() method reads the entire content of the file and returns it as a string.  
readlines() method reads the entire content of the file and returns it as a list of strings.

9. What data structure does a shelf value resemble?  
Ans. A relative path describes the location of a file relative to the current (working) directory\*.