**1. To what does a relative path refer?**

A relative path refers to a location that is relative to a current directory.

**2. What does an absolute path start with your operating system?**

An absolute path refers to the complete details needed to locate a file or folder, starting from the root element and ending with the other subdirectories.

In my windows OS, it stars as ‘C:\’

**3. What do the functions os.getcwd() and os.chdir() do?**

The method **os**.**getcwd()** in Python returns the current working directory of a process.

The **os.chdir()** method in Python used to change the current working directory to specified path.

**4. What are the . and .. folders?**

. refers to current folder, .. refers to parent folder.

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

C:\bacon\eggs is the dir name

spam.txt is the base name.

**6. What are the three “mode” arguments that can be passed to the open() function?**

“r” – read mode

“w” – write mode

“a” – append mode

**7. What happens if an existing file is opened in write mode?**

It will overwrite the existing content.

**8. How do you tell the difference between read() and readlines()?**

By default, the read() method returns the whole text as a string value.

readlines() returns a list of strings where each item is a line from the file.

**9. What data structure does a shelf value resemble?**

A shelf value resemble dictionary data structure.