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

Relative path means path relative to present folder

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

It start with drive name then user folder and then user name. e.g. C:/user/harshil

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

os.getcwd() will give current working directory and os.chdir() will allow user to change current working directory to specified path

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

. refers to present folder and .. refers to one step above

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

C:\bacon\eggs is dir name and spam.txt is base name

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

Major types are r:read, r+:opens file in read ++ write mode, w:opens file in write mode, w+:opens file in read + write mode and if file does not exists then it creates new file.

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

One can read and also write something in file in this mode

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

Read will return all data in string while readlines will return list of all lines in element of list.

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

Shelf value resembles to dictionary. Difference is its value is python object.