1. To what does a relative path refer?

**Q1 Ans-**

Relative path mainly refers to a location which is relative to the current directory.

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

**Q2 Ans -** An absolute path generally starts with the drive name first. It can be any drive. In my system it starts with ‘C:\’.

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

**Q3 Ans**

Os.getcwd() method returns current working directory.

os.chdir(path) method is used to change current directory with the given/passed directory. This is similar to cd command of lynux.

4. What are the . and .. folders?

**Q4Ans –**

. refers the current directory. However, .. refers immediate parent directory.

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

**Q5Ans –**

In path C:\bacon\eggs\spam.txt, ‘C:\bacon\eggs\’ is the directory name and spam.txt is base name.

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

**Q6 Ans-**

In python below are the 3 modes that gets used while opening a file.

‘r’ - This mode is used to open file only in read mode.

‘w’ – This mode is used to open file in write mode. Creates a new file if it does not exist or truncates the file if it exists.

‘-a’ - Opens a file for appending at the end of the file without truncating it. Creates a new file if it does not exist.

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

**Q7 Ans –**

When we open an existing file in write mode then it will truncate the existing file.

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

**Q8 Ans—**

The main difference between read() and readlines() are.

read() is used to read whole file at a time and returns entire file in a single string. However, readlines() is used to returns a list of strings, each representing a single line of the file.

9. What data structure does a shelf value resemble?

**Q9 Ans**

A shelf value resembles a dictionary value. it has keys and values, along with keys() and values() methods that work similarly to the dictionary methods of the same names.