1. To what does a relative path refer?

It’s a path which will starts from the current directory, its not specified from the root directory.

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

Absolute path will start from the root directory like below:

C:/my\_computer/test

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

os.getcwd(): It will give the absolute path of the current working directory.

os.chdir(): IT will throw an error as it will expect a argument and it will be used to change the current working directory.

4. What are the . and .. folders?

. : is a current directory whereas .. are the parent working directory.

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

“C:\bacon\eggs”: this part is a directory name / dir absolute path whereas spam.txt is a base name.

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

R: read, W: write, a: append

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

Then it will discard the existing contents of the file and create a new one.

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

Read(): With this function we will read an entire files into a single string.

Readlines(): function will be used to read the files and store it as a list.

9. What data structure does a shelf value resemble?

It resemble the dictionary values