1. To what does a relative path refer?

Relative path is relative to the working directory.

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

It starts with root folder as C:\

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

It helps to get the working directory and change the working directory.

4. What are the . and .. folders?

. is the current folder and .. folders mean the parent folder.

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

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

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

r for read, a for append and w for write.

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

The file would be deleted and completely overwritten.

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

Read function returns the entire content in a single variable whereas readlines function returns a list of strings where each string is a line item from the file.

9. What data structure does a shelf value resemble?

It resembles a directory value, it has keys and value similar to a dictionary.