1. To what does a relative path refer?

relative path refers to the path corresponds to the current working directory

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

It will start with /

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

os.getcwd() will gives the current working directory, os.chdir() helps to change the directory

4. What are the . and .. folders?

. means current folder, .. means 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 directory name and spam.txt is the base name/filename

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

Read (r), Write(w) and Append(a)

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

It will overwrite the data present in the file.

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

read() method will read the whole file data in a single string, whereas readlines() reads the data in in lines.

9. What data structure does a shelf value resemble?

It is the dictionary value