1. To what does a relative path refer?

Ans1 . Relative path refer to cwd(current working directory)

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

Ans2. In our operating system absolute path start with C:\ .

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

Ans3. os.getcwd() will provide you the path of current working directory whereas os.chdir() will change the cwd directory depending upon the path or name given in the argument.

4. What are the . and .. folders?

Ans4. The . is the current folder and the .. is the parent folder.

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

Ans5. In the given expression, C:\bacon\eggs is the directory name and spam.txt is the base name

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

Ans6. ‘a’ refers to append mode, ‘w’ refers to write mode and ‘r’ refers to read mode.

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

Ans7. The existing file will be erased and overwritten.

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

Ans8. read() will read the entire contents of the file and readlines() will read the entire content in the form of list where each element in list is a line in file as the element is represented along with \n.

9. What data structure does a shelf value resemble?

Ans9. Shelf value resembles the dictionary it has key and values as to similar like we have in dictionary