1. To what does a relative path refer?

Ans => relative path means partial path.

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

Ans=>c:\

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

Ans => os.getcwd() => gives current working directory, os.chdir()=> it will change to provided directory.

4. What are the . and .. folders?

Ans => . (current directory) and .. (parent directory)

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

Ans => C:\bacon => directory name, eggs=> base name

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

Ans => r -> read , w-> write, x-> Open a file for exclusive creation. If the file already exists, the operation fails.

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

Ans => it will omit all text inside it.

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

Ans => read will read each and every character in file but readlines will only read a single lines.

9. What data structure does a shelf value resemble?

Ans => A shelf is a persistent, dictionary-like object