1. To what does a relative path refer?

Ans: It refers to a resource location relative to the current working directory.

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

Ans: The absolute path starts from the user current home directory.

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

Ans: os.getcwd() return the current working directory of any application and os.chdir() is used to change the current working directory to any specified location.

4. What are the . and .. folders?

Ans: ‘.’ Refers to the current folder and ‘..’ refers to the parent folder.

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

Ans: ‘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?

Ans: Read, Write and Append mode.

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

Ans: The content of the existing file is discarded and written with the new content.

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

Ans: The main difference is that read() will read the whole file at once and then print out the first characters that take up as many bytes as you specify in the parenthesis versus the readline() that will read and print out only the first characters that take up as many bytes as you specify in the parenthesis.

9. What data structure does a shelf value resemble?

Ans: a shelf value resembles a dictionary data structure.