1. To what does a relative path refer?

**Ans: A relative path refers to a location that is relative to a current directory.**

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

**Ans: An absolute path refers to the complete details needed to locate a file or folder, starting from the root element and ending with the other subdirectories. Absolute paths are used in websites and operating systems for locating files and folders. An absolute path is also known as an absolute pathname or full path.**

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

**Ans: os.getcwd() gives the current working directory.**

**os.chdir() changes the path for the current working directory.**

4. What are the . and .. folders?

**Ans: . is the current folder while .. is the parent folder.**

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

**Ans: Directory name- C:\bacon\eggs**

**Base name- spam.txt**

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

**Ans: ‘r’- Read Mode, ‘w’- Write Mode and ‘a’ – Append mode.**

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

**Ans: If a file with the same name already exists, its contents are discarded and the file is treated as a new empty file.**

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

**Ans: read() returns all the content of the file at once while readlines() return the contents of the file line-by-line one at a time.**

9. What data structure does a shelf value resemble?

**Ans: A shelf value resembles a dictionary value; it has keys and values, along with keys() and values() methods that work similarly to the dictionary methods of the same names.**