1. To what does a relative path refer?

**Ans. Relative path refer to the current working directory.**

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

**Ans. Absolute paths start with the root folder, such as / or C:\.**

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

**Ans.  os.getcwd() function returns the current working directory of a process and os.chdir()  function changes the current working directory.**

4. What are the . and .. folders?

**Ans. The . folder is the current folder, and .. 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. C:\bacon\eggs is the dir name, while spam.txt is the base name.**

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

**Ans. The string 'r' for read mode, 'w' for write mode, and 'a' for append mode**

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

**Ans. If an existing file opened in write mode is erased and completely overwritten.**

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

**Ans. The read() function returns the file’s entire contents as a single string value. The readlines() function returns a list of strings, where each string is a line from the file’s contents.**

9. What data structure does a shelf value resemble?

**Ans. A shelf value resembles a dictionary value which contains two items keys and values.**