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 is a path that contains the entire path to the file or directory that you need to access. This path will begin at the home directory of your computer and will end with the file or directory that you wish to access.**

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

**Ans : os.chdir() method is used to change the current working directory to specified path. It takes only a single argument as new directory path.**

**os.getcwd() method tells us the location of current working directory (CWD). No arguments**

4. What are the . and .. folders?

**Ans: The . is the current directory, while .. signifies the 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\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 : r- This string is used to read(only) the file. It is passed as default if no parameter is supplied and returns an error if no such file exists**

**w- This string is used for writing on/over the file. If the file with the supplied name doesn’t exist, it creates one for you.**

**a - This string is used to add(append) content to an existing file. If no such file exists, it creates one for you.**

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

**Ans : 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() will read the whole file at once and then print out the first characters that take up as many bytes as specified in the parenthesis**

**readline() 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 value; it has keys and values, along with keys() and values() methods that work similarly to the dictionary methods of the same names.**