1. To what does a relative path refer?

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?

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.

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

getcwd() : CWD stands for Current Working Directory. This function allows you to see what your current working directory is

chdir("path-to-dir") : Short for CHange DIRectory, this function allows you to set the current working directory to a path of your choice.  It takes only a single argument as new directory path.

4. What are the . and .. folders?

The . folder is 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?

C:\bacon\eggs this is directory name and spam.txt is base name.

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

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?

An existing file opened in write mode is erased and completely overwritten.

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

The read() method returns the file's entire contents as a single string value. The readlines() method 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?

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