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 is a complete path from start of actual filesystem from / directory

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.

4. What are the . and .. folders?

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?

The directory name is C:\bacon\eggs

The base name is spam.txt

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?

Then the content in the existing file gets erased and new blank file with the same name is opened.

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 keys() and values() methods that work similarly to the dictionary methods of the same names.