1. To what does a relative path refer?

It refers to Present working directory or pwd

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

It refers to the complete path of the file or full detailed location of the file or a folder

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

os.getcwd() it gives detail of the current working directory and os.chdir() changes the current working directory to a path

4. What are the . and .. folders?

 . 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?

C:\bacon\eggs is the directory name, spam.txt is the 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, whereas 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, it work similarly to the dictionary methods of the same names.