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 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?

Ans:- os.getcwd() will show current directory and os.chdir() is used to shift from current dir to other

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:-file  is erased and completely overwritten.

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

Ans:- 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?

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.