1. To what does a relative path refer?

Ans🡺

A relative path refers to a location that is relative to a current directory. Relative paths make use of two special symbols, a dot (.) and a double-dot (..), which translate into the current directory and the parent directory. Double dots are used for moving up in the hierarchy. A single dot represents the current directory itself.

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

Ans🡺 An absolute, or full, path begins with a drive letter followed by a colon, such as D:

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

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

path: A complete path of directory to be changed to new directory path.

Returns: Doesn’t return any value

**os.getcwd()** This method returns current working directory of a process.

4. What are the . and .. folders?

Ans🡺

**. (current directory) and**

**.. (parent directory).**

5. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?

Ans🡺 Dir name= C:\bacon\eggs

Basename= spam.txt

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

Ans🡺 **There are three kinds of mode, that Python provides and how files can be opened:**

* “ r “, for reading.
* “ w “, for writing.
* “ a “, for appending.
* “ r+ “, for both reading and writing.

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

Ans🡪It will overwrite the previous content

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

Ans🡺

**read([size])** Method reads size bytes from the current position of the file, if there is no parametersize, which means that the read to the end of the file, its scope is a string object

**readline()** method that the method reads out one line at a time, so the memory occupied when reading is small, which is suitable for large files, and the method returns a string object.

9. What data structure does a shelf value resemble?

Ans🡺 The shelve module will let you add Save and Open features to your program.

It is list.