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. Absolute paths are used in websites and operating systems for locating files and folders.

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

ans : os. getcwd() returns the absolute path of the working directory where Python is currently running as a string str . getcwd stands for "get current working directory".

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

4. What are the . and .. folders?

ans : When a directory B is created in Unix, it is added as a new entry to another directory A (its parent directory), and in B, two entries are added: one called . as a hard link to itself, and one called .. as a hard link to A.Those are the only hard links to directories allowed (though some older versions of some Unices did also allow arbitrary links).

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 : An existing file opened in write mode 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.