1. To what does a relative path refer?

A relative path refer to the current working directory. It never starts with '/'.

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

An absolute path starts from root directory '/ '.

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

os.getcwd() retrieves current working directory, os.chdir() helps to change working directory from current one to another.

4. What are the . and .. folders?

. means current directory. but .. means parent directory.

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

spam.txt is the base name. eggs is the dir name.

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

r - read mode, w - write mode , a - append mode.

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

It won't show any error but It may cause whatever that alredy exist in the file to get wiped out.

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

read() without any value in() will return whole file, while read() with value 'n' in () will return 'n' charectors in the file. readlines() will return a list of each line in the file as list elements.

9. What data structure does a shelf value resemble?

It resembles dictionary as it has key and value.