1. To what does a relative path refer?

Relative path is the current working directory of your operating system

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

absolute path starts with either / or C:\\

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

os.getcwd() - gives the current working directory

os.chdir() - allows you to change the current directory to another directory

4. What are the . and .. folders?

. is the cwd or the current folder

.. means the root or the parent folder

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

base name is the file - spam.txt

dir name - C:\bacon\eggs

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

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

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

whenever you open a file in write mode then the contents of the existing file are truncated .

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

read() will read the whole string inside a file , returns a single string value of the text inside the file

readlines() will return a list of string where each string represent the lines of the content in the file

9. What data structure does a shelf value resemble?

shelf value resembles a dictionary which is nothing but a combination of key + values.