1. To what does a relative path refer?  
Ans: A relative path refers the location of a file relative to the current working directly.

2. What does an absolute path start with your operating system?  
Ans: As per my operation system, the absolute path start with root (i.e. / ) directory.

3. What do the functions os.getcwd() and os.chdir() do?  
Ans: os.getcwd() function tells the path of current working directory. os.chdir() function is used to change the current working directory.

4. What are the . and .. folders?  
Ans: As per the relative path notation, the single dot (i.e. .) is represents the current working directory and the double dots (i.e. ..) represents the parent directory of the current directory.

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 dir name and spam.txt is the base name.

6. What are the three “mode” arguments that can be passed to the open() function?  
Ans: The three modes - read, write, and append, can be passed to open() function as an argument.

7. What happens if an existing file is opened in write mode?  
Ans: If file already exists, it will be overwritten else it will create new files and add the given content in it.

8. How do you tell the difference between read() and readlines()?  
Ans: read() functions reads the entire file at once and return as a string, whereas readlines() function reads line by line and returns the array of lines.

9. What data structure does a shelf value resemble?  
Ans: A shelf value resemble the dictionary like keys and values data structure.