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- In other words we can say absolute path is **a complete path from start of actual filesystem from / directory**

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

Ans- getcwd() : CWD stands for Current Working Directory. This function allows you to see what your current working directory is. chdir("path-to-dir") : Short for CHange DIRectory, this function allows you to set the current working directory to a path of your choice.

4. What are the . and .. folders?

Ans- as mentioned above **'.** **' represents the current directory.** **While '..' represents the parent 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 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?

* r : Opens the file in read-only mode. ...
* rb : Opens the file as read-only in binary format and starts reading from the beginning of the file. ...
* r+ : Opens a file for reading and writing, placing the pointer at the beginning of the file.

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

Ans- If a file with the same name already exists, **its contents are discarded and the file is treated as a new empty file**.

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

Read()- it will read the entire file

Readlines()- it will read the file one by one.

9. What data structure does a shelf value resemble?

Ans-  A shelf value resembles **a dictionary value**