**1. To what does a relative path refer?**

**Ans:** Relative path refer to location that is relative to a current directory.

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

**Ans:** An absolute path is a path that contains the entire path to the file or directory that you need to access. This path will begin at the home directory of your computer and will end with the file or directory that you wish to access.

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

**Ans:** os. getcwd method we used in Python to get the current directory, we use the chdir() methods in the os module to change the current directory.

**4. What are the . and .. folders?**

**Ans:`**.` stands for current directory. `..` stands for 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 andspam.txt is the base name

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

**Ans:** The three modes of arguments that can be passed to the open function is ‘a’: append, ‘r’: read and ‘w’: write.

**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()?**

**Ans:** read method returns the file content while readlines  method returns a list containing each line in the file as a list item.

**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.