1. To what does a relative path refer?

**Ans :**

**Relative paths are relative to the current working directory**

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

**Ans :**

**Absolute paths start with the root folder, such as / or C:\**

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

**Ans :**

**The os.getcwd() function returns the current working directory. The os.chdir() function changes the current working directory**

4. What are the . and .. folders?

**Ans :**

**The . folder is the current folder, and .. is the parent folder**

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?

**Ans :**

**’r’ for read mode, ‘w’ for write mode and ‘a’ for append mode**

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

**Ans :**

**Then the existing file erased completely and overwritten**

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

**Ans :**

**Read function returns the entire content in single string, while readlines function return each string is a line from the file's contents**

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**