1. To what does a relative path refer?

Ans: Relative path refer to the path with reference to current directory

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

Ans:generally in windows system, absolute path starts with C:// as its mostly the root directory.

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

Ans: os.getcwd() is used to get the current directory location in absolute path. and os.chdir() is used to change the working directory.

4. What are the . and .. folders?

Ans: . is used for current folders and .. is parent folder of current folder

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

ans: dir name: C:\bacon\eggs

base name : spam.txt

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

ans: ‘w’ as writing mode, ‘r’ as read only mode and ‘a’ as append mode i.e., add values to the end of file

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

Ans: it will be over written on the existing file and existing file data will not be avaliable

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

Ans:read will return the whole file content and readlines will return content of file till it reach a ‘/n’

9. What data structure does a shelf value resemble?

Ans: Set{}