1. To what does a relative path refer?

Ans: Relative path points to a location relative to current directory.

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

Ans: absolutepath starts with ‘\’.

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

Ans: os.getcwd() returns the path of current working directory and os.chdir() takes the path of any directory as argument and changes the current working dir to the given one.

4. What are the . and .. folders?

Ans: ‘.’ signifies the current directory and ‘..’ 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: dir name = C:\bacon\eggs\ and base name = spam.txt

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

Ans: ‘r’ ==> opens the file in read only mode  
‘r+’ ==> opens the file in read and write mode

‘rb’ ==> opens the file as read-only in binary format

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

Ans: if an existing file is opened in write mode then the ccontent of the file is deleted and the file is treated as a new empty file.

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

Ans: read() returns the complete text content available in the file as a single string whereas readlines() returns the list of all lines.

9. What data structure does a shelf value resemble?

Ans: shelf value resembles a dictionary value with key and value pair.