**1. What advantages do Excel spreadsheets have over CSV spreadsheets?**

**Ans.**In Excel reading large data set is much easier for the end user to read, comprehend and understand when compared to CSV. Excel can perform VBA coding, functions, formulas and create summaries easily when compared to CSV.

**2.What do you pass to csv.reader() and csv.writer() to create reader and writer objects?**

**Ans**.The file object is passed to csv.reader() and csv.writer() to create reader and writer objects.

eg:- For reader object - with open(filename , 'r') as csvfile :

csvreader = csv.reader(csvfile)

For writer object - with open(filename , 'w') as csvfile :

csvwriter = csv.writer(csvfile)

**3. What modes do File objects for reader and writer objects need to be opened in?**

**Ans**.For reader object the file must be opened in read mode('r'). And for writer object

the file must be opened in write mode('w').

**4. What method takes a list argument and writes it to a CSV file?**

**Ans.** writerow() method of writer and DictWriter class.

**5. What do the keyword arguments delimiter and line terminator do?**

**Ans**.The delimiter is the character that appears between cells on a row. By default, the delimiter for a CSV file is a comma. The line terminator is the character that comes at the end of a row. By default, the line terminator is a newline.

**6. What function takes a string of JSON data and returns a Python data structure?**

**Ans**. loads() method return Python data structure of JSON string or data.

**7. What function takes a Python data structure and returns a string of JSON data?**

**Ans.** json.dumps()