File Handling -Multiple Choice Questions

1. Opening a file in read mode performs which operation?
   a. Creates a new file
   b. Reads consecutive characters from a file
   c. Reads all the content of a file
   d. None of the above

2. If we have to open a file abc.txt using the statement
   Fp1 = open('abc.txt','r')
   which statement will read the file into memory?
   a. Fp2 = open(Fp1)
   b. FP1.Open.read(Fp1)
   c. Fp1.read()
   d. None of the above

3. The inbuilt method readlines() is used to:
   a. Read an entire file as a string
   b. Read one line at a time
   c. Read each line in a file as an item in a list
   d. None of the above

4. If the statement Fp1 = open('demo.txt','r') is used to open a file demo.txt in read mode then which statement will be used to read 5 string characters from a file into memory?
   a. Ch = fp1.read[:10]
   b. Ch = fp.read(6)
   c. Ch= fp.read(5)
   d. All of the above

5. The close()method is used to conserve memory because:
   a. It closes all unused memory created by Python
   b. It deletes all the text related to a file
   c. It compresses a file
   d. It removes the reference created by files open() function

6. If we have to open a file to read its content using the statement
   Convert_Demo = open('Story.txt','r')
   which is a valid statement to convert each character of the first line of a file into uppercase?
   a. print(Convert_Demo[0].upper())
   b. print(Convert_Demo.upper())
   c. print(Convert_Demo.readline().upper())
   d. All of the above

7. If content of a file cities.txt is:

> &Delhi&Chennai&
> &Mumabi&Kolkata&Mad
> ras&
> &Pune&Nagpur&Auranga
> bad&

What will be the output of the following code?

```
fp1 = open("cities.txt", "r")
name = fp1.readline().strip('&\n')

while name:
    if name.startswith("M"):
        print(name)
    else:
        pass
     name = fp1.readline().strip('&\n')
```

a. &Mumbai&Kolkata&Madras& b. Mumabi&Kolkata&Madras
c. Mumabi Kolkata&Madras d. &Mumabi Kolkata Madras

8. What is the use of 'a' mode in file handling?
a. Read b. Write
c. Append d. Alias

9. Which statement is used to move the pointer in a file to the beginning of the first character?
a. .seek(-1) b. .seek(1)
c. .seek(0) d. .seek(2)

10. Which statement is used to move the pointer in a file to the end of the file?
a. .seek(-1) b. .seek(1)
c. .seek(0) d. .seek(2)