 INDIAN SCHOOL AL WADI AL KABIR

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| **Class: XII Comp. Sci.** | **Department: Computer Science** | **Date:13.05.2023** |
| **Worksheet No: 3** | **Topic: Data Files – TEXT FILES** | **Note:Create text file and execute the functions in the lab** |

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| 1 | Give one difference between Text file and Binary File |
| 2 | Write a Python statement to open a text file “DATA.TXT” so that new contents can be written on it. |
| 3 | Write a Python statement to open a text file “DATA.TXT” so that new content can be  added to the end of file |
| 4 | Write a Python statement to open a text file “DATA.TXT” so that existing contents can be read from file. |
| 5 | A file “MYDATA.TXT” is opened as  *file1 = open(“MYDATA.TXT”)*  Write a Python statement to close this file. |
| 6 | What is the different in file opening mode “a” and “w” ? |
| 7 | What is the difference between readline() and readlines() ? |
| 8 | What is the purpose of using flush() in file handling operations ? |
| 9 | What is the advantage of opening file using „with‟ keyword? |
| 10 | Considering the content stored in file “Computer.txt”  *A computer is an electronic device.*  *Charles Babbage first invented the computer.*  *Computers play an extremely important function in our life.*  *The machine takes in data as input, processes it, and gives output.*  Write the command for the following code and display the output:  f = open("Computer.TXT")  sr1 = # to read first line of file  str2 = # to read next line of file  str3 = \_\_\_\_\_\_\_\_\_\_\_ # to read remaining lines of file |
| 11 | What is the difference between write() and writelines()? |
| 12 | Considering the content stored in file “WORLDCUP.TXT”, write the output  *India won the Cricket world cup of 1983*  f = open(“WORLDCUP.TXT”)  print(f.read(2))  print(f.read(2))  print(f.read(4)) |
| 13 | Write a function in python to count the number of lines in “POEM.txt” begins from Upper case character. |
| 14 | Write a function in python to read lines from file “POEM.txt” and count how many times the word “Corona” exists in file. |
| 15 | Write a function in python to read lines from file “NOTES.txt” and display all those words, which has two characters in it. |
| 16 | Write a function COUNT() in Python to read contents from file “REPEATED.TXT”, to count and display the occurrence of the word “Catholic” or “mother |
| 17 | Write a function dispS() in Python to read from text file “ARTICLE.TXT” and display those lines which starts with “S” |
| 18 | Write a python function ATOEDISP() in Python to read the file “NEWS.TXT” and display “E” in place of all the occurrence of “A”:  I SELL COMPUTARS. I HAVE A COMPUTAR. I NEED A COMPUTAR. I WANT A COMPUTAR. I USE THAT COMPUTAR. MY COMPUTAR CRASHED.  The function should display  I SELL COMPUTERS. I HEVE E COMPUTER. I NEED E COMPUTER. I WENT E COMPUTER. I USE THET COMPTUER. MY COMPUTER CRESHED. |