MCQ   Mark-20

Time -1 h

1. Which of the following option is not correct?

 a. if we try to read a text file that does not exist, an error occurs.

 b. if we try to read a text file that does not exist, the file gets created.

 c. if we try to write on a text file that does not exist, no error occurs.

 d. if we try to write on a text file that does not exist, the file gets Created.

2. Which of the following options can be used to read the first line of a text file Myfile.txt?

 a. myfile = open('Myfile.txt'); myfile.read()

 b. myfile = open('Myfile.txt','r'); myfile.read(n)

 c. myfile = open('Myfile.txt'); myfile.readline()

 d. myfile = open('Myfile.txt'); myfile.readlines()

3. A text file student.txt is stored in the storage device. Identify the correct option out of the following options to open the file in read mode.

i. myfile = open('student.txt','rb')

ii. myfile = open('student.txt','w')

iii. myfile = open('student.txt','r')

iv. myfile = open('student.txt')

a. only i

b. both i and iv

c. both iii and iv

d. both i and iii

4. Which of the following statement is incorrect in the context of binary files?

a. Information is stored in the same format in which the information is held in memory.

b. No character translation takes place

c. Every line ends with a new line character

d. pickle module is used for reading and writing

5. Suppose content of 'Myfile.txt' is Culture is the widening of the mind and of the spirit. What will be the output of the following code?

```
myfile = open("Myfile.txt")
x = myfile.read()
y = x.count('the')
 print(y)
myfile.close()
```

   a. 2   b. 3 c. 4 d. 5

6. Suppose content of 'Myfile.txt' is

Twinkle twinkle little star

 How I wonder what you are

Up above the world so high

 Like a diamond in the sky

Twinkle twinkle little star

What will be the output of the following code?

```
myfile = open("Myfile.txt")
line_count = 0
data = myfile.readlines()
for line in data:
  if line[0] == 'T':
    line_count += 1
print(line_count)
myfile.close()
```

   a. 2 b. 3 c. 4   d. 5

7. Assume the content of text file, 'student.txt' is:

 Arjun Kumar

 Ismail Khan

 Joseph B

Hanika

Kiran

What will be the data type of data_rec?

```
myfile = open("Myfile.txt")
data_rec = myfile.readlines()
myfile.close()
```

a. string b. list c. tuple d. dictionary

8. To open a file c:\ test.txt for appending data, we can give the statement:

   (a) fobj = open("c:\\ test.txt", "a")

   (b) fobj = open("c:\\ test.txt", "rw")

   (c) fobj = open(file = "c:\test.txt", "w")

   (d) fobj = open(file = "c:\\ test.txt", "w")

9. Which of the following modes is used for both writing and reading from a binary file?

   (a) wb+

   (b) w

   (c) wb

   (d) w+

10. Which function is used to read single line from file?

    (a) readline()

    (b) readlines()

    (c) readstatement( )

    (d) readfulline()

11. Which function is used to write all the characters?

    (a) write()

    (b) writecharacters()

    (c) writeall()

    (d) writechar()

12.. Which function is used to write a list of strings in a file?

(a) writeline()
(b) writelines()
(c) writestatement()
(d) writefullline()

13.. Which of the following is not a valid mode to open a file?

(a) ab
(b) rw
(c) r+
(d) w+

14..What is the difference between r+ and w+ modes?

(a) No difference.
(b) In r+ mode, the pointer is initially placed at the beginning of the file and for w+, the pointer is placed at the end.
(c) In w+ mode, the pointer is initially placed at the beginning of the file and for r+, the pointer is placed at the end.
(d) Depends on the operating system.

15.Which of the following mode will refer to binary data?

(a) r
(b) w
(c) +
(d) b

16.What is the significance of the tell() method?
   a. tells the path of file
   b. tells the current position of the file pointer within the file
   c. tells the end position within the file
   d. checks the existence of a file at the desired location

17. Syntax of seek function in Python is myfile.seek(offset, reference_point) where myfile is the file object. What is the default value of reference_point?

    a. 0
    b. 1
    c. 2
    d. 3
18. Suppose content of 'Myfile.txt' is
    Honesty is the best policy
    What will be the output of the following code?
    myfile = open("Myfile.txt")
    x = myfile.read()
    print(len(x))
    myfile.close()

    a. 5   b. 25   c. 26   d. 27
19. To read the entire remaining contents of the file as a string from a file object infile, we use _____.
    a) infile.read(2)
    b) infile.read()
    c) infile.readline()
    d) infile.readlines()

20. To open a file c:\scores.txt for writing, we use
    a) outfile = open("c:\scores.txt", "w")
    b) outfile = open("c:\\scores.txt", "w")
    c) outfile = open(file = "c:\scores.txt", "w")
    d) outfile = open(file = "c:\\scores.txt", "w")