KENDRIYA VIDYALAYA ETAH

Periodic Test (August 2021)

Time: 90 mins.

Sub: Computer Science Max. Marks: 50

General Instructions: -

Class-XII

- All Questions are compulsory. Programming language python. i)
- ii)

| | SECTION: A | |
|----|--|-----|
| 1. | Find the invalid identifier from the following: | (1) |
| | i) MyName | |
| | ii) True | |
| | iii) 2ndName | |
| | iv) My_Name | |
| 2. | Given the lists L=[1,3,6,82,5,7,11,92], write the output of print(L[2:5]) | (1) |
| | i) [6, 82, 5] | |
| | ii) [3,6, 82] | |
| | iii) [6, 82, 5,7] | |
| | iv) None of these | |
| 3. | Identify the valid arithmetic operator in Python from the following. | (1) |
| | i) ? ii) < iii) ** iv) and | |
| 4. | Suppose a tuple T is declared as $T = (10, 12, 43, 39)$, which of the following is incorrect? | (1) |
| | i) $print(T[1])$ ii) $T[2] = -29$ iii) $print(max(T))$ iv) $print(len(T))$ | |
| 5. | Which keyword is use for function? | (1) |
| | i) Define | |
| | ii) fun | |
| | iii) def | |
| | iv) function | |
| 6. | Which of the following items are present in the function header? | (1) |
| | i) function name | |
| | ii) parameter list | |
| | iii) return value | |
| 7 | iv) Both i and ii | (1) |
| 7. | If return statement is not used inside the function, the function will return: i) None | (1) |
| | i) None ii) 0 | |
| | iii) Null | |
| | iv) Arbitary value | |
| 8. | Which of the following function headers is correct? | (1) |
| 0. | i) def fun(a = 2, b = 3, c) | (1) |
| | ii) def fun(a = 2, b, c = 3) | |
| | iii) def fun(a, b = 2, c = 3) | |
| | iv) def fun(a, b, c = 3, d) | |
| 9. | In which part of memory does the system stores the parameter and local variables of funtion | (1) |
| ·• | call? | (1) |
| | i) heap | |
| | ii) stack | |
| | iii) Uninitialized data segment | |
| | iv) None of the above | |

| 10. | How is a function declared in Python? | (1) |
|-----|---|-----|
| | i) def function function_name(): | |
| | ii) declare function_name(): | |
| | iii) def function_name(): | |
| | iv) declare function_name(): | |
| 11. | Which one of the following is the correct way of calling a function? | (1) |
| | i) function_name() | |
| | ii) call function_name() | |
| | iii) ret function_name() | |
| | iv) function function_name() | |
| 12. | To open a file c:\scores.txt for reading, we use | (1) |
| | (i) infile = open("c:\scores.txt", "r") | |
| | (ii) infile = open("c:\\scores.txt", "r") | |
| | (iii) infile = open(file = "c:\scores.txt", "r") | |
| | (iv) infile = open(file = "c:\\scores.txt", "r") | |
| 13. | To open a file c:\scores.txt for writing, we use | (1) |
| 10. | To open a me experiental for witning, we use | (1) |
| | (i) outfile = open("c:\scores.txt", "w") | |
| | (ii) outfile = open("c:\\scores.txt", "w") | |
| | (iii)outfile = open(file = "c:\scores.txt", "w") | |
| | (iv)outfile = open(file = "c:\\scores.txt", "w") | |
| 14. | To open a file c:\scores.txt for appending data, we use | (1) |
| | (i) outfile = open("c:\\scores.txt", "a") | |
| | (ii) outfile = open("c:\\scores.txt", "rw") | |
| | (iii) outfile = open(file = "c:\scores.txt", "w") | |
| | (iv) outfile = open(file = "c:\\scores.txt", "w") | |
| | (iv) outilite – open(me – c.\\scores.txt , w) | |
| 15. | Which of the following statements are true? | (1) |
| | | |
| | (i) When you open a file for reading, if the file does not exist, an error occurs | |
| | (ii) . When you open a file for writing, if the file does not exist, a new file is created | |
| | (iii) When you open a file for writing, if the file exists, the existing file is overwritten with | |
| | the new file | |
| | (iv) All of the mentioned | |
| 16. | To read two characters from a file object infile, we use | (1) |
| | (i) infile.read(2) | |
| | (ii) infile.read() | |
| | (iii) infile.readline() | |
| | (iv) infile.readlines() | |
| | | |
| 17. | To read the entire remaining contents of the file as a string from a file object infile, we use | (1) |
| | (i) infile.read(2) | |
| | (ii) infile.read() | |
| | (iii) infile.readline() | |
| | (iv) infile.readlines() | |
| 18. | To read the next line of the file from a file object infile, we use | (1) |
| | | |

| | (i) infile read(2) | |
|-----|---|-----|
| | (i) infile.read(2) | |
| | (ii) infile.read() (iii) infile.readline() | |
| | (iv) infile.readlines() | |
| 19. | The readlines() method returns | (1) |
| | (i) a str | |
| | (ii) a list of lines | |
| | (iii) a list of single characters | |
| | (iv) a list of integers | |
| 20. | In file handling, what does this terms means "r, a"? | (1) |
| | (i) read, append | |
| | (ii) append, read | |
| | (iii)write, append | |
| | (iv)none of the mentioned | |
| 21. | What is the use of "w" in file handling? | (1) |
| | (i) Read | |
| | (ii) Write | |
| | (iii)Append | |
| | (iv)None of the mentioned | |
| 22. | Which function is used to read all the characters? | (1) |
| | (i) Read() | |
| | (ii) Readcharacters() | |
| | (iii)Readall() | |
| | (iv)Readchar() | 745 |
| 23. | The other name of file object is | (1) |
| | (i) Buffer | |
| | (ii) File handle | |
| | (iii) Dump | |
| | (iv) Load | |
| | | |
| 24. | The default delimiter of csv files is | (1) |
| | (i) comma | |
| | (ii) semicolon | |
| | (iii) hyphen | |
| | (iv) colon | |
| 25. | Which of the following represents mode of both writing and reading binary format in file? | (1) |
| | (i) wb+ | |
| | (ii) wb | |
| | (iii) w | |
| | (iv) w+ | |
| 1 | | |

| | SECTION: B | |
|------|---|-----|
| Q.26 | What do you mean by function header? | (2) |
| Q.27 | What do you mean by function? Write any two advantages of function. | (3) |
| | | |
| Q.28 | What is difference between 'r' mode and' w' mode in file handling? | (3) |
| Q.29 | Differentiate between actual parameter(s) and a formal parameter(s) with a suitable example for | (4) |
| Q.30 | each. What is use of read() and readline() function in file handling? | (3) |
| | | |
| Q.31 | What is difference between write() and writelines() | (3) |
| Q.32 | correction done in the code. Value=30 for VAL in range(0,Value) If val%4==0: print (VAL*4) Elseif val%5==0: print (VAL+3) else print(VAL+10) | (2) |
| | user name and password for some entries. He has written the following code. As a programmer, help him to successfully execute the given task. import | |