

PART A — (10 × 1 = 10 marks)

Answer ALL the questions.

Choose the correct answer :

- Is Python case sensitive when dealing with identifiers?
  - no
  - yes
  - machine dependent
  - none of the mentioned

- Which of the following is the correct extension of the Python file?
  - .python
  - .pl
  - .py
  - .p
- Which of the following is not used as loop in Python?
  - for loop
  - while loop
  - do-while loop
  - none of the above
- What will be the output of given Python code?
 

```
str1="hello"
c=0
for x in str1:
    if(x!="l"):
        c=c+1
    else:
        pass
print(c)
```

  - 2
  - 0
  - 4
  - 3

- Which keyword is used for function?
  - Fun
  - Define
  - def
  - Function
- What will be the output of the following Python code?
 

```
def printMax(a, b):
    if a > b:
        print(a, 'is maximum')
    elif a == b:
        print(a, 'is equal to', b)
    else:
        print(b, 'is maximum')
printMax(3, 4)
```

  - 3
  - 4
  - 4 is maximum
  - None of the mentioned
- Which of the following commands will create a list?
  - list1 = list()
  - list1 = []
  - list1 = list([1, 2, 3])
  - all of the mentioned

- Suppose listExample is ['h','e','l','l','o'], what is len(listExample)?
  - 5
  - 4
  - None
  - Error
- To open a file c:\scores.txt for reading, we use \_\_\_\_\_
  - infile = open("c:\scores.txt", "r")
  - infile = open("c:\\scores.txt", "r")
  - infile = open(file = "c:\scores.txt", "r")
  - infile = open(file = "c:\\scores.txt", "r")
- To read the next line of the file from a file object infile, we use \_\_\_\_\_
  - infile.read(2)
  - infile.read()
  - infile.readline()
  - infile.readlines()

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b). Each answer should not exceed 250 words.

- Write a note on Feature of Python.

Or

  - Discuss input statements in Python, with an example.

12. (a) Explain 'While' Statement in Python with an example.

Or

(b) Explain Jump statement in python in detail.

13. (a) Illustrate Function Call in python with an example.

Or

(b) Explain dir() statement in python.

14. (a) How will you create Dictionary in Python?

Or

(b) Discuss any two List methods in Python.

15. (a) How will you open and close file in Python?

Or

(b) Discuss about renaming file in Python.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).  
Each answer should not exceed 600 words.

16. (a) How to define array in Python? How it process?

Or

(b) Write about (i) Data Type (ii) Output statement in Python.

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17. (a) Discuss in detail about various 'if' statement in Python.

Or

(b) Write a program for Fibonacci number generation by using 'for' loop in python.

18. (a) Write a python program to implement default arguments.

Or

(b) Discuss about Python string function with example.

19. (a) Write about basic List operation in Python.

Or

(b) How to create a tuple in python? Explain it with suitable example.

20. (a) Differentiate read() and readline() in python with example.

Or

(b) Write about file position in Python.

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