



SRI RAMAJAYAM GLOBAL SENIOR SECONDARY CBSE SCHOOL

Chapter-6

PYTHON FUNDAMENTALS (15.10.2020)

STD: XI

TIME: 1.30 Hour

SUBJECT: COMPUTER SCIENCE

TOTAL MARKS: 50

Section – A (One Marks)

I. MCQ (Multiple Choice Questions)

15X1=15

1. Abbreviation of IPO is _____.

- a) Internet Process Output
- b) Internet Proper Output
- c) Input Process Output
- d) Input Proper Output

2. Which one is a character set?

- a) Letters (A –Z)
- b) Symbols (+ _ # & ...)
- c) Digits (0 – 9)
- d) All the above

3. The smallest individual units are called _____.

- a) Tokens
- b) Functions
- c) Programs
- d) None of these

4. Tokens also known as _____.

- a) Programs
- b) Functions
- c) Lexical unit
- d) None of these

5. Python is a _____ language.

- a) Case sensitive
- b) Non Case sensitive
- c) Error free
- d) All of the above

6. Identity the following strings which one not a correct one?

- a) “srgs”
- b) ‘SRGS7’
- c> “‘Srgs’”
- d) “SRGS’

7. Find out the correct Boolean data type.

- a) 25
- b) "Python"
- c) Ture
- d) 'False'

8. Which one is a Relational operator?

- a) +
- b) <
- c) &
- d) =

9. _____ is any legal combination of symbols that represents a value.

- a) Expression
- b) Function
- c) Operators
- d) Keyword

10. The programmers want to type comments in a python program. Which symbol to start the comments?

- a) "
- b) #
- c) +
- d) (

11. A group of statements which are part of another statement or a function are called _____

- a) Expression
- b) Function
- c) Block
- d) Keyword

12. Find the output of the following code:

```
>>>Age=input("What is your age?")
      What is your age? 16
>>>Age+1
>>>print(Age)
```

- a) 17
- b) 16
- c) Error
- d) 15

13. Which is the correct exponent form? The real constant is: 17.251

- a) 0.17251E2
- b) 0.017251E1
- c) 0.017251E3
- d) None of these

14. What would the following code: X,Y = 7,8

- a) X=8, Y=7
- b) X=7, Y=8
- c) X=8, Y=8
- d) X=7, Y=7

15. Python programs are saved filename with _____ extention.

- a) .doc
- b) .html
- c) .pdf
- d) .py

Section – B (Two Marks)

II. Answer the following questions (any 6)

6x2=12

16. What is meant by token? Name the tokens available in Python.
17. What is the different between a keyword and an identifier?
18. What are literals? How many types of literals are available in Python?
19. What are string-literals in Python? How many ways, can you create String literals in Python?
20. What is **None** literal in python?
21. What is the different between an expression and a statement in python?
22. What will be the output of following code?
X, Y = 2, 6
X, Y = Y, X+2
print(X,Y)
23. What is Dynamic Typing feature of python?

Section – C (Three Marks)

III. Answer the following questions (any 5)

5x3=15

24. What is an identifier? What are the identifier forming rules of Python?
25. Which of the following are valid identifiers and why/ why not:

Data_rec	-
_data	-
1 data	-
data1	-
my.file	-
elif	-

26. What will be the sizes of following constants:

`'\a'` `"\a"` `"Rema\s"` `"it's"` `"XY\YZ"` `'srgs_school'`

27. How can you create multi-line strings in python?

28. Why the following code giving errors?

```
name="SRGSSS"  
print("Welcome to school")  
    print("hello", name)  
    print("How are you?")
```

29. Write a program to find area of triangle?

30. Write a program that generates the following output:

```
5  
10  
9
```

Section – D (Four Marks)

IV. Answer the following questions (any 2)

2x4=8

31. What is Operator in Python? List out the types of operators in python. Explain any 3 types of operators.

32. Define:

- a) Identifier
- b) Constant
- c) Variable
- d) Token
- e) Expression

33. Explain: Barebones of a Python Program.

*****All the Best*****

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