

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BVoc DEGREE EXAMINATION MAY 2024  
(Fourth Semester)

Branch – NETWORKING & MOBILE APPLICATION

**FUNDAMENTALS OF PYTHON PROGRAMMING**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1) Python is a \_\_\_\_\_ language.  
i) Scripting  
ii) Object Oriented  
iii) Object oriented Scripting  
iv) Procedural
- 2) Python was created by \_\_\_\_\_.  
i) James Gosling  
ii) Bill Gates  
iii) Steve Jobs  
iv) Guido van Rossum
- 3) A Python line comment begins with \_\_\_\_\_.  
i) //            ii) /\*            iii) #            iv) \$\$
- 4) In Python, a string literal is enclosed in \_\_\_\_\_.  
i) parentheses    ii) brackets    iii) single-quotes    iv) double-quotes
- 5) Which of the following function returns a sequence 0, 1, 2, 3?  
i) range(0, 3)    ii) range(0, 4)    iii) range(3)    iv) range(5)

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6) a) Show the history of Python.  
    OR  
    b) How will you assigning value to a variable? Give example.
- 7) a) Summarize the syntax and basics of function.  
    OR  
    b) Describe the different types of string operators with example.
- 8) a) How will you splitting a string in list? Explain.  
    OR  
    b) Distinguish between the method overloading and method overriding.
- 9) a) Highlight the inbuilt functions for Tuples with example.  
    OR  
    b) Outline the basics of dictionaries.
- 10) a) Explain the need of file handling in python.  
    OR  
    b) Analyze the steps to drawing a point in Drawing shapes.

Cont...

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11) a) Elucidate the declaration of python inbuilt functions.  
OR  
b) Outline the for loop statement with syntax and example.
- 12) a) Discuss the parameters and arguments in a function.  
OR  
b) Examine the string operations.
- 13) a) Determine the steps to passing list to a function with example.  
OR  
b) Assume the passing an object as parameter to a method.
- 14) a) Discover the purpose of traverse Tuples from a list.  
OR  
b) Enumerate the methods of dictionary class with example.
- 15) a) Analyze the steps to create windows with PyGame.  
OR  
b) Develop a Python program to read and displays file content.

Z-Z-Z END