

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION MAY 2026
(Fourth Semester)

Branch- NETWORKING & MOBILE APPLICATIONS

FUNDAMENTALS OF PYTHON PROGRAMMING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Identify the output statement in Python _____. a.info b. print c. write d. println	K1	CO1
	2	Predict which function in Python is used to evaluate expression while accepting input? a. input b. exp c. eval d.evaluate	K2	CO1
2	3	Select the key word used to create function in Python. a. def b. key c. fun d. definefun	K1	CO2
	4	Associate the characteristic of Strings. a. constant b.mutable c. immutable d. literal	K2	CO2
3	5	Recall Lists are collection of what data type? a. integer b. float c. strings d. all	K1	CO3
	6	Describe the concept which derives new class from old class? a. method b. inheritance c. classes d. fun	K2	CO3
4	7	Identify the brackets used to create tuples. a. { } b. [] c. () d. < >	K1	CO4
	8	Predict among the following that the dictionary contains key and its _____. a. argument b. values c. literal d. variable	K2	CO4
5	9	Identify in file opening if file =open('file.txt', '_____'). a. read b. values c. mode d. close	K1	CO5
	10	Predict which among the following is used to move the file cursor to a specific position inside a file. a. get() b. put() c. seek() d. kay()	K2	CO5

Cont...

SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Recall the history of Python.	K2	CO1
	(OR)			
	11.b.	Explicate Python decision statement.		
2	12.a.	Explain recursive functions.	K3	CO2
	(OR)			
	12.b.	Describe how to traverse string with for loop.		
3	13.a.	Distinguish list and string.	K3	CO3
	(OR)			
	13.b.	Demonstrate method overloading in Python.		
4	14.a.	Differentiate lists and tuples.	K4	CO4
	(OR)			
	14.b.	How to create, add and replace values in dictionaries?		
5	15.a.	Point out the need of file handling.	K4	CO5
	(OR)			
	15.b.	Elucidate how to create windows in PyGame.		

SECTION -C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Classify Python data types.	K4	CO1
2	17	Enumerate Python inbuilt functions for strings.	K4	CO2
3	18	Apply different types of inheritance.	K4	CO3
4	19	Discuss inbuilt functions for tuples.	K4	CO4
5	20	Analyze how to draw a point using PyGame.	K4	CO5

Z-Z-Z-

END