



K21U 4673

Reg. No. :

Name :

**V Semester B.C.A. Degree CBCSS (OBE) Regular
Examination, November 2021
(2019 Admn. Only)**

Core Course

5B14BCA : PYTHON PROGRAMMING

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** questions.

1. Write an output function of Python.
2. What is function definition ?
3. Define an object.
4. What are built in attribute methods ?
5. Expand GUI.
6. Give an example for amutable datatype.

(6×1=6)

**PART – B
(Short Essay)**

Answer **any six** questions.

7. What is the use of range function ?
8. How to plot x^2 in python ?
9. Write the syntax to delete records from a database.
10. What is exception handling ?

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11. Write a Python function to find the largest of two numbers.
12. Explain recursion with an example.
13. What is meant by transaction control in databases ?
14. How can you insert records to a database/table ?

(6×2=12)

PART – C
(Essay)

Answer **any four** questions.

15. Explain how to connect to a database.
16. Explain numpy module.
17. Explain any three features of Python.
18. How can you fetch records from databases ?
19. Explain any three Layout managers.
20. What is a canvas ? Demonstrate with an example.

(4×3=12)

PART – D
(Long Essay)

Answer **any two** questions.

21. Explain any five methods of List data type.
22. How are files handled in Python ?
23. Explain two ways of creating arrays in Python with examples.
24. Explain Radio Button widget with example program.

(2×5=10)