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.

$(6 \times 1 = 6)$

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 ?

P.T.O.

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)