K21U 1113

Reg. No. : ....

Name : ....

IV Semester B.Sc. Degree CBCSS (OBE) Regular Examination, April 2021
(2019 Admission Only)
COMPLEMENTARY ELECTIVE COURSE IN COMPUTER SCIENCE
4C04CSC : Computation Using Python

Time : 3 Hours

Max. Marks : 32

PART – A
(Short Answer)

Answer **all** questions :

1. Write the syntax to call a function.

2. What is function definition ?

3. What is encapsulation ?

4. Define data hiding.

5. What is tell() ?

(5×1=5)

PART – B
(Short Essay)

Answer **any four** questions :

6. What is an immutable datatype ? Give an example.

7. Write a program to open and print the contents of a file.

8. Discuss List datatype.

9. Write a program to delete an exiting file.

10. What is figure() ?

11. Define transpose function.

(4×2=8)

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PART – C
(Essay)

Answer **any three** questions :

12. Explain the features of string datatype.

13. Discuss on creating and using modules.

14. Explain input and output in python.

15. Demonstrate multiple inheritance.

16. Write a program to find the sum of the elements in an array. (3×3=9)

PART – D
(Long Essay)

Answer **any two** questions :

17. Explain the built-in methods of dictionaries.

18. Explain Data Visualization in Python.

19. Explain Polymorphism.

20. Write notes on File handling. (2×5=10)

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