

203**October 2023**

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. What are comments? Which character is used to represent comment in python?
2. Give the syntax to convert an integer into string and a float to an integer.
3. Write down the syntax of for loop with example?
4. Write down the differences between break and continue.
5. What is the use of lstrip () and rstrip () in Python?
6. What is the use of pop operator?
7. What is a tuple? How it is created in Python?
8. What are the keys in the following segment?
dictionary={"book":245, "code":787}
9. Give the syntax for deleting a file on Python with example.
10. Give syntax for try except with multiple exceptions.

[Turn over.....

PART – B

11. (a) Describe about the various operators available in Python.

(Or)

(b) Explain about various string operations with example.

12. (a) Explain with example about the decision making statements.

(Or)

(b) What is recursive function? Write a recursive function to find the factorial of a number.

13. (a) List any fourteen string formatting functions with description.

(Or)

(b) (i) Explain with example about any seven built in methods of list.(7)

(ii) Write a program to reverse a list.(7)

14. (a) Explain with example about the operations performed in dictionary.

(Or)

(b) (i) Explain with example how IN operator is applied in tuple.(7)

(ii) Consider a tuple (1,3,5,7,9,2,8,4,6,10). Write a program to print half of the values in one line and the remaining half in next line.(7)

15. (a) Explain about reading a file and writing a file.

(Or)

(b) Explain with example about try finally and except with no exception.
