1757

October 2024

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. List the various features of python.

2. Define expression. Give an example.

3. Write down the differences between break statement and continue statement.

4. List out the advantages of functions.

5. Define immutable property.

6. Write the uses of pop operator.

7. State the way of accessing the values in a tuple.

8. Define dictionary.

9. Define renaming operation on a file. Write its syntax.

10. Define exception.

[Turn over.....

PART – B

11. (a) Describe about the various operators in python.

(Or)

(b) Explain the two ways of getting input from keyboard with an example.

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

(Or)

(b) Define recursive function. Write a python program to find the factorial of a number using recursive function.

13. (a) Explain about the string formatting operators with an example.

(Or)

(b) (i) Discuss about the creation of list and accessing elements from the list. (7)

(ii) How to copy the lists using assignment operator? Explain. (7)

14. (a) Write a python program that takes any number of arguments and return their sum using function.

(Or)

(b) Explain the dictionary creation, accessing values of a dictionary, and updating dictionary with an example.

15. (a) Describe about opening a file, closing a file, reading from a file and writing into a file in python.

(Or)

(b) Discuss about the various directory methods.

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