



QP Code: 317QP

Total No. of Pages: 3

Seat No.

January - February (Winter) Examination - 2023

Subject Name: B.C.A. (CBCS)_88235_88661_Python Programming_06.01.2023_02.30 PM to 05.30 PM

Subject Code: 88235

Day and Date: Friday, 06-01-2023

Time: 02:30 pm to 05:30 pm

Total
Mark
s: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Que.1 and Que. 6 are compulsory Attempt any three Questions from Que. No.2 to

Que. No. 5.

Q.1. A. Multiple Choice Questions(10)

[20]

1. Which of these about a set is not true?

- a) Mutable data type
- b) Allows duplicate values
- c) Data type with unordered values
- d) Immutable data type

2. Which of the following character is used to give single-line comments in Python?

- a) //
- b) #
- c) !
- d) /*

3. Which keyword is used for function in Python language?

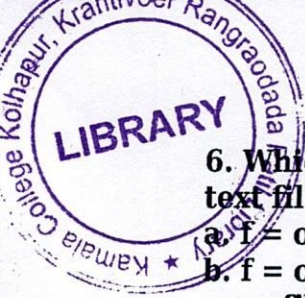
- a) Function
- b) Def
- c) Fun
- d) Define

4. Which of the following is used to define a block of code in Python language?

- a) Indentation
- b) Key
- c) Brackets
- d) All of the mentioned

5. In tuples values are enclosed in _____

- a. Square brackets
- b. Curly brackets
- c. Parenthesis
- d. None of the above



6. Which of the following options can be used to read the first line of a text file data.txt?

- a. f = open('data.txt'); f.read()
- b. f = open('data.txt','r'); f.read(n)
- c. myfile = open('data.txt'); f.readline()
- d. f = open('data.txt'); f.readlines()

7. Which of the following is not the correct syntax for creating a set?

- a) set([[1,2],[3,4]])
- b) set([1,2,2,3,4])
- c) set((1,2,3,4))
- d) {1,2,3,4}

8. What is the order of precedence in python?

- a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

9. To add a new element to a list we use which Python command?

- a) list1.addEnd(5)
- b) list1.addLast(5)
- c) list1.append(5)
- d) list1.add(5)

10. Which of the following is not an advantage of using modules?

- a) Provides a means of reuse of program code
- b) Provides a means of dividing up tasks
- c) Provides a means of reducing the size of the program
- d) Provides a means of testing individual parts of the program

B. short answer Questions (Any Two) (10)

- 1. Write a python function using with parameter and return type?
- 2. Define a dictionary. What are the advantages of using dictionary over lists.
- 3. What are modules in Python? Explain.

- Q.2. Explain about the input and output statements with example. Write a Python program to calculate factorial of entered number. [10]
- Q.3. What type of conditional structures are present in python? Explain each with example. [10]
- Q.4. What are the basic list operations that can be performed in Python? Explain each operation with its syntax and suitable example. [10]



Q.5. Explain reading and writing files in python with example [10]

Q.6. Write notes on (any Four) [20]

- a) difference between break, continue and pass.
- b) types of operators in python with appropriate example
- c) types of import statement in Python
- d) GUI in Python
- e) python features
- f) Nested loop with example.

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