

BCA Sem-5 Examination

CC 302

Python Programming (New)

Time : 2-00 Hours]

August 2021

[Max. Marks : 50

Instructions: All questions in Section I carry equal marks
Attempt any two questions in section I.
Question V in section II is compulsory.

Section I

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|-------|-----|--|----|
| Que:1 | [A] | Explain features of python. | 20 |
| | [B] | Explain membership operator, identity operator and assert statement. | 10 |
| Que:2 | [A] | What is difference between function and method? Explain positional arguments and keyword arguments in depth. | 20 |
| | [B] | What is list? Explain any five methods to process list. | 10 |
| Que:3 | [A] | Write advantages of inheritance and explain Method Resolution Order (MRO) in depth. | 20 |
| | [B] | What is polymorphism? Explain Duck typing Philosophy of python. | 10 |
| Que:4 | [A] | What is exception? Explain exception handling mechanism. | 20 |
| | [B] | Explain 'Virtual Environment' in python. | 10 |

Section II

Que:5 Attempt following. (Any five)

1. _____ data can not be modified.
 - a. Tuple
 - b. Bytes
 - c. List
 - d. None of the above
2. The ___ statement does not do anything.
 - a. Assert
 - b. Pass
 - c. Return
 - d. Continue
3. ___ method is used to remove the last item from array.
 - a. remove()
 - b. pop()
 - c. delete()
 - d. None of the above
4. Multiple values returned by the function as a _____.
 - a. tuple
 - b. list
 - c. Any of the above
 - d. None of the above
5. The function without name is called _____.
 - a. Anonymous function
 - b. Lambda function
 - c. Both of the above
 - d. None of the above

P.T.O

E152-2

- 6 Convert list into dictionary __ class object is used.
- a. List
 - b. Dictionary
 - c. Zip
 - d. None of the above
- 7 __ variable's separate copy is created in every instance.
- a. class
 - b. static
 - c. instance
 - d. any the above
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- 8 __ method only read data of variable.
- a. Accessor
 - b. Mutator
 - c. Setter
 - d. None of the above
- 9 The __ module provides a function for making file lists from direct..., wildcard search.
- a. glob
 - b. os
 - c. file
 - d. dir
- 10 __ class object is used to execute sql queries.
- a. Connect
 - b. Cursor
 - c. Any of the above
 - d. None of the above