

BCA5PytC270x
B.C.A Semester - 5 (CBCS) Examination
Oct/Nov - 2023 (NEW COURSE)
Basic Python(Core)

Seat No : _____

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Que-1(A) Answer the following questions. (03)
1. _____ data type is an ordered set of key-value pair of items
 2. In python, variable also known as _____ and used to hold value.
 3. Python provide _____ function which returns the type of the variable.
- Que-1(B) Answer the following question. (Any Two) (06)
1. Explain Python Features.
 2. Difference between List and Tuple.
 3. Explain call by reference and call by value in function with example.
 4. Explain Python Loops with example.
- Que-1(C) Answer the following question. (Any One) (05)
1. Explain types of arguments in function.
 2. Explain Python Module with example
- Que-2(A) Answer the following questions. (03)
1. In ____ access mode, the file pointer is at the beginning of the file.
 2. ____function is used to change current file position in python.
 3. ____method removes any whitespace from the beginning or the end.
- Que-2(B) Answer the following question. (Any Two) (06)
1. Explain python String with example.
 2. Explain python Tuple with example.
 3. Explain python List with example.
 4. Explain python Dictionary with example.
- Que-2(C) Answers the following question. (Any One) (05)
1. Explain File methods with example.
 2. List out Set methods and explain any five with example.
- Que-3(A) Answer the following questions. (03)
1. _____ exception occurs when Input Output operation fails.
 2. An object is also called a _____ of a class.
 3. Python uses try and _____ keywords to handle exceptions.
- Que-3(B) Answer the following question. (Any Two) (06)
1. Explain User Defined Exception in python with example.
 2. Explain Python Constructor and Destructors.
 3. Explain Encapsulation in python with example.
 4. Explain Polymorphism in python with example.
- Que-3(C) Answer the following question. (Any One) (05)
1. Explain Binary search with example.
 2. Explain types of Inheritance with example.

- Que-4(A) Answer the following questions. (03)
1. _____ function is used to replace parts of a string in Regular Expression.
 2. Full form of DOM.
 3. Full form of CSV.
- Que-4(B) Answer the following question. (Any Two) (06)
1. Explain Meta characters in Regular Expression.
 2. Explain CSV module with example.
 3. Explain search() and match() function in Regular Expression.
 4. Explain split() and sub() function in Regular Expression.
- Que-4(C) Answer the following question. (Any One) (05)
1. Explain python JSON module with example.
 2. Explain python XML module with example.
- Que-5(A) Answer the following questions. (03)
1. Full form of pip.
 2. To create a database in MySQL, use _____ statement in python.
 3. To sort the result in descending order, use the _____ keyword in python.
- Que-5(B) Answer the following question. (Any Two) (06)
1. Explain executemany() method with example.
 2. Explain Order by statement with example.
 3. Create database and table in MySQL using python.
 4. Explain Limit and Offset statements with example.
- Que-5(C) Answer the following question. (Any One) (05)
1. Explain python MySQL transactions with example.
 2. Explain types of join in MySQL using python.
