

B.C.A Semester - 5 (Remedial) (CBCS) Examination**March/April-2022 (NEW COURSE)****Basic Python(Core)****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) Attempt the following** **03**
1. Python prompt is defining by which symbol?
 2. Founder of Python?
 3. IDLE stands for_____.
- Que-1(B) Answer the following: (Any Two)** **06**
1. Explain Features of Python.
 2. Explain if conditional statement in detail.
 3. Explain Comparison operator with example.
 4. Explain user define function in python.
- Que-1(C) Answer the following: (Any One)** **05**
1. Explain for loop with Example.
 2. Explain Python Modules with example.
- Que-2(A) Attempt the following** **03**
1. _____ Brackets is used for List data type.
 2. Write open () and close () in File Handling.
 3. Write Read () and Write () in File Handling.
- Que-2(B) Answer the following: (Any Two)** **06**
1. What is File? Write all File Mode in Details.
 2. Explain Escape Sequences in string.
 3. Explain Sets in Python also write method of sets.
 4. Explain List with Example.
- Que-2(C) Answer the following: (Any One)** **05**
1. What is Dictionary in Python? Write all method of Dictionary.
 2. Explain Tuples with its method. Give suitable Example.
- Que-3(A) Attempt the following** **03**
1. What is Sorting?
 2. What is Searching?
 3. What is Hashtables?
- Que-3(B) Answer the following: (Any Two)** **06**
1. Explain Encapsulation in detail.
 2. Explain Assertion with example.
 3. Explain try-finally clause with example.
 4. Explain Built in class attributes with example.

- Que-3(C) **Answer the following: (Any One)** **05**
1. Explain any one Inheritance with example.
 2. Explain Binary search with its program.
- Que-4(A) **Attempt the following** **03**
1. Full form of CSV is_____.
 2. Full form of XML is_____.
 3. Full form of JSON is_____.
- Que-4(B) **Answer the following: (Any Two)** **06**
1. Explain Match function with Example.
 2. Explain Search function with Example.
 3. Explain load() and dump() in JSON.
 4. What is XML? Explain with example.
- Que-4(C) **Answer the following: (Any One)** **05**
1. Write a program to read & write data from csv file.
 2. Write a program to read & write data from json file.
- Que-5(A) **Attempt the following** **03**
1. Explain commit.
 2. Explain Rollback.
 3. What is mysql.connector.
- Que-5(B) **Answer the following: (Any Two)** **06**
1. How to create table in mysql using python.
 2. Explain Atomicity, Consistency, Isolation, and Durability.
 3. Write step how to install and configure MySQL dB in python.
 4. Explain inner join with example.
- Que-5(C) **Answer the following: (Any One)** **05**
1. Explain Read Operation with all method.
 2. Write a program that connect MySQL dB and create Employee Table and insert 5 record using Query. And Display all the record.
