

Roll No. : .....

Total No. of Questions : 11 ]

[ Total No. of Printed Pages : 3

# UGP-302

## B.C.A. (Part-II) Examination, 2021

(C#)

Paper - BCA 206 (B)

Time : 1½ Hours ]

[ Maximum Marks : 70

### Section-A

(Marks : 2 × 10 = 20)

**Note** :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

### Section-B

(Marks : 4 × 5 = 20)

**Note** :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

### Section-C

(Marks : 10 × 3 = 30)

**Note** :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

### Section-A

1. Attempt all *ten* questions. Answer should not exceed **50** words in each question.

- (i) Define Constants.
- (ii) What do you mean by Keywords ?
- (iii) Define Object.
- (iv) What do you mean by Static ?

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UGP-302 P.T.O.

- (v) Define Polymorphism.
- (vi) What is Partial Class ?
- (vii) What is Namespace ?
- (viii) What are Strings ?
- (ix) What are Properties ?
- (x) What are Indexers ?

### **Section–B**

**Note** :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words).

2. Differentiate C++ and C#.

*Or*

Differentiate Java and C#.

3. Give an example of object and class in the form of program.

*Or*

Describe Attributes in detail.

4. Describe the various types of Inheritance.

*Or*

Describe Aggregation with suitable example.

5. Describe Exception Handling.

*Or*

Explain File IO with example.

6. Describe Delegates with example.

*Or*

Describe Events with example.

### Section-C

**Note** :- Answer any *three* questions out of five (Answer limit **500** words).

7. Write down the syntax of the following :
  - (a) If-else
  - (b) While Loop
  - (c) Do While Loop
  - (d) For Loop
  - (e) Switch
8. Differentiate between Constructor and Destructor in detail.
9. Differentiate Member Overloading and Member Overriding with suitable example program.
10. Explain the following :
  - (a) List<I>
  - (b) Stack<I>
  - (c) Queue<I>
  - (d) Linked List<I>
11. Write short notes on the following :
  - (a) Reflection
  - (b) Multithreading