Total No. of Questions : **11**]   [Total No. of Printed Pages : **3**

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B.C.A. (Part-II) Examination, 2022

(C#)

Paper – BCA-206 (B)

Time : 3 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.   (i)   What is C# ?

(ii)   What is data type in C# ?

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(iii) What is Jagged Array ?

(iv) Difference between Break and Continue.

(v) What is Object ?

(vi) What is Sealed ?

(vii) What is Namespace ?

(viii) What is Exception ?

(ix) What do you mean by Generics ?

(x) What is Abstract ?

Section–B

2. What is Type Conversion ? Give its types.

Or

What is difference between break, continue and GoTo with example ?

3. What is Constructor ? Explain default constructor.

Or

What is Enum ? Explain with example.

4. What is Interface with Programme ?

Or

What is Aggregation ? Explain with suitable example.

5. What is Collection ?

Or

What is Multithreading ?

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6. Describe Delegates with example.

Or

Explain file IO with example.

Section–C

7. What is Control Statement ? Explain briefly.

8. Write short notes on the following :

   (a) this

   (b) static

   (c) object

   (d) class

   (e) attributes

9. What is Polymorphism ? Explain with example of member overloading and overriding.

10. Write short notes on the following :

   (a) Nullable type

   (b) LinkedList <T>

   (c) Stack <T>

   (d) Serialization

   (e) List <T>

11. What is indexer ? Explain with suitable example.